

TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 72 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC  
 OS Unidentified  
 PN JP 2002508944-A/72  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
 PR 26-MAR-1998 US 09/048810  
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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 PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//  
 PC C12Q1/68,  
 PC C12N15/00  
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 CC Topology: Linear;  
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 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138147  
 VERSION BD138147.1 GI:232333092  
 KEYWORDS JP 2002508944-A/73.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.  
 REFERENCE 1 (bases 1 to 20)  
 AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.  
 TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 73 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC  
 OS Unidentified  
 PN JP 2002508944-A/73  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
 PR 26-MAR-1998 US 09/048810  
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONSENT  
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 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138148  
 VERSION BD138148.1 GI:232333093  
 KEYWORDS JP 2002508944-A/74.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.

## REFERENCE

1 (bases 1 to 20)

AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.  
 TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 74 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC  
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 PD 26-MAR-2002  
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 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

## COMMENT

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LOCUS BD138149 20 bp DNA linear PAT 18-SEP-2002  
 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138149  
 VERSION BD138149.1 GI:232333094  
 KEYWORDS JP 2002508944-A/75.  
 SOURCE unidentified  
 ORGANISM unidentified  
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1 (bases 1 to 20)

AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.  
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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VERSION BD138150.1 GI:23233095
KEYWORDS JP 2002508944-A/76.
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 76 26-MAR-2002;
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        PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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KEYWORDS JP 2002508944-A/77.
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 77 26-MAR-2002;
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        PD 26-MAR-2002
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        PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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DEFINITION Antisense modulation of human MDM2 expression.
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VERSION BD138152.1 GI:23233097
KEYWORDS JP 2002508944-A/78.
SOURCE unidentified
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 78 26-MAR-2002;
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AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.
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JOURNAL Patent: JP 2002508944-A 77 26-MAR-2002;
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AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.
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AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 79 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

BD138153
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
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Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 79 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 80 26-MAR-2002;
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RESULT 535
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE
Antisense modulation of human MDM2 expression
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Patent: JP 2002508944-A 81 26-MAR-2002;
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RESULT 536
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138156
VERSION     BD138156.1 GI:23233101
KEYWORDS   JP 2002508944-A/82.
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 82 26-MAR-2002;
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DEFINITION Antisense modulation of human MDM2 expression.
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KEYWORDS   JP 2002508944-A/84.
SOURCE     unidentified
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AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
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ACCESSION  BD138157
VERSION     BD138157.1 GI:23233102

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KEYWORDS   JP 2002508944-A/83.
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      422 ATTAAAGTCGTGGTGAC 441
Db      20 ATTAAAGTCGTGGTGAC 1

RESULT 538
BD138158/c
LOCUS      BD138158      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138158
VERSION     BD138158.1 GI:23233103
KEYWORDS   JP 2002508944-A/84.
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 84 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT     OS Unidentified
            PN JP 2002508944-A/84
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT
PC      C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC      C12Q1/68,
PC      C12N15/00
CC      Strandedness: Single;
CC      Topology: Linear;
CC      Antisense modulation of human MDM2 expression FH      Key
CC      Location/Qualifiers
FT      source          1..20
FT      /organism='Unidentified'.

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Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 496 TGACTAAACGATTATATGAT 515

Db 20 TGACTAAACGATTATATGAT 1

RESULT 542  
 BD138162/c

LOCUS BD138162 20 bp DNA linear PAT 18-SEP-2002

DEFINITION Antisense modulation of human MDM2 expression.

ACCESSION BD138162

VERSION BD138162.1 GI:23233107

KEYWORDS JP 2002508944-A/88.

SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 88 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/88

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT

PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

FT source 1..20

FT Location/Qualifiers /organism='Unidentified'.

FEATURES

source

1..20 /organism='unidentified'

/mol\_type='genomic DNA'

/db\_xref='taxon:32644'

Query Match

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 503 ACGATTATATGATGAGAAGC 522

Db 20 ACGATTATATGATGAGAAGC 1

RESULT 543  
 BD138163/c

LOCUS BD138163 20 bp DNA linear PAT 18-SEP-2002

DEFINITION Antisense modulation of human MDM2 expression.

ACCESSION BD138163

VERSION BD138163.1 GI:23233108

KEYWORDS JP 2002508944-A/89.

SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 89 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/89

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT

PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

FT source 1..20

FT Location/Qualifiers /organism='Unidentified'.

FEATURES

source

1..20

/organism='unidentified'

/mol\_type='genomic DNA'

/db\_xref='taxon:32644'

Query Match

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 515 TGAGAAGCAACATATTG 534

Db 20 TGAGAAGCAACATATTG 1

RESULT 544

BD138164/c

LOCUS BD138164 20 bp DNA linear PAT 18-SEP-2002

DEFINITION Antisense modulation of human MDM2 expression.

ACCESSION BD138164

VERSION BD138164.1 GI:23233109

KEYWORDS JP 2002508944-A/90.

SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 90 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/90

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT

PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

FT source 1..20

FT Location/Qualifiers /organism='Unidentified'.

FEATURES

source

1..20

/organism='unidentified'

/mol\_type='genomic DNA'

/db\_xref='taxon:32644'

Query Match

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 525 CAACATATTGTATATTGTTTC 544
Db 20 CAACATATTGTATATTGTTTC 1

RESULT 545
BD138165/c
LOCUS BD138165 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138165
VERSION BD138165.1 GI:23233110
KEYWORDS JP 2002508944-A/91.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 91 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/91
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
/organism='Unidentified'.
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source
1..20
Location/Qualifiers
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 538 ATTGTTCAAATGATCTTCTA 557
Db 20 ATTGTTCAAATGATCTTCTA 1

RESULT 547
BD138167/c
LOCUS BD138167 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138167
VERSION BD138167.1 GI:23233112
KEYWORDS JP 2002508944-A/93.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 93 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/93
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
/organism='Unidentified'.
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source
1..20
Location/Qualifiers
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 531 ATTGTATATTGTTCAAATGA 550
Db 20 ATTGTATATTGTTCAAATGA 1

RESULT 546
BD138166/c
LOCUS BD138166 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138166
VERSION BD138166.1 GI:23233111
KEYWORDS JP 2002508944-A/92.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 92 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/92
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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RESULT 548
BD138168/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138168
VERSION     BD138168.1  GI:23233113
KEYWORDS   JP 2002508944-A/94.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 94 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   PN JP 2002508944-A/94
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC  C12Q1/68.
PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

FEATURES
source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  559 GAGATTGTTGGCGTGCCA 578
Db  20 GAGATTGTTGGCGTGCCA 1

RESULT 549
BD138169/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138169
VERSION     BD138169.1  GI:23233114
KEYWORDS   JP 2002508944-A/95.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 95 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   PN JP 2002508944-A/95
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC  C12Q1/68.
PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

FEATURES
source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  559 GAGATTGTTGGCGTGCCA 578
Db  20 GAGATTGTTGGCGTGCCA 1

RESULT 548
BD138168/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138168
VERSION     BD138168.1  GI:23233113
KEYWORDS   JP 2002508944-A/94.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 94 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   PN JP 2002508944-A/94
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC  C12Q1/68.
PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
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source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  559 GAGATTGTTGGCGTGCCA 578
Db  20 GAGATTGTTGGCGTGCCA 1

RESULT 549
BD138169/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138169
VERSION     BD138169.1  GI:23233114
KEYWORDS   JP 2002508944-A/95.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 95 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   PN JP 2002508944-A/95
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC  C12Q1/68.
PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

FEATURES
source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  559 GAGATTGTTGGCGTGCCA 578
Db  20 GAGATTGTTGGCGTGCCA 1

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CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

FEATURES
source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  566 GTTGGCGTGCCAGCTTCT 585
Db  20 GTTGGCGTGCCAGCTTCT 1

RESULT 550
BD138170/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138170
VERSION     BD138170.1  GI:23233115
KEYWORDS   JP 2002508944-A/96.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 96 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   PN JP 2002508944-A/96
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC  C12Q1/68.
PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

FEATURES
source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  575 GCCAAGCTTCTGTGGAAG 594
Db  20 GCCAAGCTTCTGTGGAAG 1

RESULT 551
BD138171/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138171

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REFERENCE
AUTHORS      1 (bases 1 to 20)
TITLE        Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
JOURNAL      Antisense modulation of human MDM2 expression
              Patent: JP 2002508944-A 100 26-MAR-2002;
COMMENT      ISIS PHARMACEUTICALS INC
OS           Unidentified
PN           JP 2002508944-A/100
PD           26-MAR-2002
PF           26-MAR-1999 JP 2000538025
PR           26-MAR-1998 US 09/048810
PI           LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI           COWSERT
PC           C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC           C12Q1/68,
PC           C12N15/00
CC           Strandedness: Single;
CC           Topology: linear;
CC           Antisense modulation of human MDM2 expression FH Key
CC           Location/Qualifiers
FT           source 1..20
FT           Location/Qualifiers
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FT           1..20
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FT           /mol_type='genomic DNA'
FT           /db_xref='taxon:32644'

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      609 TATACATGATCTACAGGAA 628
DB      20 TATACATGATCTACAGGAA 1

RESULT 555
BD138175/c
LOCUS      BD138175      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138175
VERSION     BD138175.1 GI:23233120
KEYWORDS   JP 2002508944-A/101.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 101 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS           Unidentified
          PN           JP 2002508944-A/101
          PD           26-MAR-2002
          PF           26-MAR-1999 JP 2000538025
          PR           26-MAR-1998 US 09/048810
          PI           LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI           COWSERT
PC           C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC           C12Q1/68,
PC           C12N15/00
CC           Strandedness: Single;
CC           Topology: linear;
CC           Antisense modulation of human MDM2 expression FH Key
CC           Location/Qualifiers
FT           source 1..20
FT           Location/Qualifiers
FT           /organism='Unidentified'.
FT           1..20
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FT           /mol_type='genomic DNA'

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      609 TATACATGATCTACAGGAA 628
DB      20 TATACATGATCTACAGGAA 1

RESULT 555
BD138175/c
LOCUS      BD138175      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138175
VERSION     BD138175.1 GI:23233120
KEYWORDS   JP 2002508944-A/101.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 101 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS           Unidentified
          PN           JP 2002508944-A/101
          PD           26-MAR-2002
          PF           26-MAR-1999 JP 2000538025
          PR           26-MAR-1998 US 09/048810
          PI           LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI           COWSERT
PC           C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC           C12Q1/68,
PC           C12N15/00
CC           Strandedness: Single;
CC           Topology: linear;
CC           Antisense modulation of human MDM2 expression FH Key
CC           Location/Qualifiers
FT           source 1..20
FT           Location/Qualifiers
FT           /organism='Unidentified'.
FT           1..20
FT           /organism='unidentified'
FT           /mol_type='genomic DNA'

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      634 TAGTAGTCATCAGCAGGAA 653
DB      20 TAGTAGTCATCAGCAGGAA 1

RESULT 557
BD138177/c
LOCUS      BD138177      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138177
VERSION     BD138177.1 GI:23233122
KEYWORDS   JP 2002508944-A/103.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 103 26-MAR-2002;
          ISIS PHARMACEUTICALS INC

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/db_xref='taxon:32644'

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      619 TCTACAGGAACTGGTAGTA 638
DB      20 TCTACAGGAACTGGTAGTA 1

RESULT 556
BD138176/c
LOCUS      BD138176      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138176
VERSION     BD138176.1 GI:23233121
KEYWORDS   JP 2002508944-A/102.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 102 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS           Unidentified
          PN           JP 2002508944-A/102
          PD           26-MAR-2002
          PF           26-MAR-1999 JP 2000538025
          PR           26-MAR-1998 US 09/048810
          PI           LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI           COWSERT
PC           C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC           C12Q1/68,
PC           C12N15/00
CC           Strandedness: Single;
CC           Topology: linear;
CC           Antisense modulation of human MDM2 expression FH Key
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      634 TAGTAGTCATCAGCAGGAA 653
DB      20 TAGTAGTCATCAGCAGGAA 1

RESULT 557
BD138177/c
LOCUS      BD138177      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138177
VERSION     BD138177.1 GI:23233122
KEYWORDS   JP 2002508944-A/103.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 103 26-MAR-2002;
          ISIS PHARMACEUTICALS INC

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Qy	656	ATCGGACTCAGGTACATCTG	675
Dg			
	20	ATCGGACTCAGGTACATCTG	1
RESULT	559		
BD138179/c			
LOCUS	BD138179	20 bp DNA linear	PAT 18-SEP-2002
DEFINITION	Antisense modulation of human MDM2 expression.		
ACCESSION	BD138179		
VERSION	BD138179.1 GI:23233124		
KEYWORDS	JP 2002508944-A/105.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.		
TITLE	Antisense modulation of human MDM2 expression		
JOURNAL	Patent: JP 2002508944-A 105 26-MAR-2002;		
	ISIS PHARMACEUTICALS INC		
COMMENT	OS Unidentified		
	PN JP 2002508944-A/105		
	PD 26-MAR-2002		
	PF 26-MAR-1999 JP 2000538025		
	PR 26-MAR-1998 US 09/048810		
	PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M		
FEATURES			
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Query Match	0.8%; Score 20; DB 1; Length 20;		
Best Local Similarity	100.0%; Pred. No. 7.9e+02;		
Matches	20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
Qy	669	ACATCTGTGAGTGAGAACAG	688
Dg			
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RESULT	560		
BD138180/c			
LOCUS	BD138180	20 bp DNA linear	PAT 18-SEP-2002
DEFINITION	Antisense modulation of human MDM2 expression.		
ACCESSION	BD138180		
VERSION	BD138180.1 GI:23233125		
KEYWORDS	JP 2002508944-A/106.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.		
TITLE	Antisense modulation of human MDM2 expression		
JOURNAL	Patent: JP 2002508944-A 106 26-MAR-2002;		
	ISIS PHARMACEUTICALS INC		
COMMENT	OS Unidentified		
	PN JP 2002508944-A/106		
	PD 26-MAR-2002		
	PF 26-MAR-1999 JP 2000538025		
	PR 26-MAR-1998 US 09/048810		

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

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Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 682 AGAACAGGTGTCACCTTGAA 701

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Db 20 AGAACAGGTGTCACCTTGAA 1

RESULT 561

BD138181/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138181

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 107 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/107

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

FT source 1..20

FT Location/Qualifiers

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Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 691 GTCACCTTGAAGGTGGGAGT 710

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Db 20 GTCACCTTGAAGGTGGGAGT 1

RESULT 562

BD138182/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138182

Antisense modulation of human MDM2 expression.

Patent: JP 2002508944-A 108 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/108

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

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FT Location/Qualifiers

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Best Local Similarity 100.0%; Pred. No. 7.9e+02;

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QY 704 TGGGAGTGATCAAAAGGACC 723

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Db 20 TGGGAGTGATCAAAAGGACC 1

RESULT 563

BD138183/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138183

Antisense modulation of human MDM2 expression.

Patent: JP 2002508944-A 109 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/109

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

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PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 AGGACCTTGACAGAGCTT 737
Db 20 AGGACCTTGACAGAGCTT 1

RESULT 564
BD138184/c
LOCUS BD138184 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138184
VERSION BD138184.1 GI:23233129
KEYWORDS JP 2002508944-A/110.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 110 26-MAR-2002;
COMMENT OS Unidentified
PN JP 2002508944-A/110
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
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PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Qy 727 TACAAGAGCTTCAGGAGAG 746
Db 20 TACAAGAGCTTCAGGAGAG 1

RESULT 565
BD138185/c
LOCUS BD138185 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.

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ACCESSION BD138185
VERSION BD138185.1 GI:23233130
KEYWORDS JP 2002508944-A/111.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 111 26-MAR-2002;
COMMENT OS Unidentified
PN JP 2002508944-A/111
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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Qy 740 GGAAGAGAAACCTTCATCTT 759
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 566
BD138186/c
LOCUS BD138186 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138186
VERSION BD138186.1 GI:23233131
KEYWORDS JP 2002508944-A/112.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 112 26-MAR-2002;
COMMENT OS Unidentified
PN JP 2002508944-A/112
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
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PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 752 TTCACTTCACATTGGTTT 771
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Db 20 TTCACTTCACATTGGTTT 1

RESULT 567
BD138187/c
LOCUS BD138187 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138187
VERSION BD138187.1 GI:23233132
KEYWORDS JP 2002508944-A/113.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 20)
REFERENCE
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 113 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/113
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

QY 774 AGACCATCTACCTCATCTAG 793
|||||
Db 20 AGACCATCTACCTCATCTAG 1

RESULT 569
BD138189/c
LOCUS BD138189 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138189
VERSION BD138189.1 GI:23233134
KEYWORDS JP 2002508944-A/115.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 20)
REFERENCE
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 115 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/115
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

QY 761 ACAATTGGTTTCTAGACCAT 780
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Db 20 ACAATTGGTTTCTAGACCAT 1

RESULT 568
BD138188/c
LOCUS BD138188 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138188
VERSION BD138188.1 GI:23233133
KEYWORDS JP 2002508944-A/114.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 20)
REFERENCE
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 114 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/114
PD 26-MAR-2002
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PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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unclassified.
1 (bases 1 to 20)
REFERENCE
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 114 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/114
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138189
VERSION BD138189.1 GI:23233134
KEYWORDS JP 2002508944-A/115.
SOURCE unidentified
ORGANISM unidentified
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
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JOURNAL Patent: JP 2002508944-A 115 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

QY 761 ACAATTGGTTTCTAGACCAT 780
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Db 20 ACAATTGGTTTCTAGACCAT 1

RESULT 568
BD138188/c
LOCUS BD138188 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138188
VERSION BD138188.1 GI:23233133
KEYWORDS JP 2002508944-A/114.
SOURCE unidentified
ORGANISM unidentified
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1 (bases 1 to 20)
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 114 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/114
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 787 CATCTAGAGAGAGCAATT 806
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Db 20 CATCTAGAGAGAGCAATT 1

RESULT 570
BD138190/c
LOCUS BD138190 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138190
VERSION BD138190.1 GI:23233135
KEYWORDS JP 2002508944-A/116.
SOURCE unidentified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 116 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/116
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 GAGACAGAGAAAATTCAGA 829
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Db 20 GAGACAGAGAAAATTCAGA 1

RESULT 572
BD138192/c
LOCUS BD138192 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138192
VERSION BD138192.1 GI:23233137
KEYWORDS JP 2002508944-A/118.
SOURCE unidentified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 118 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/118
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 798 AGAGCAATTAGTGAGACAGA 817
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Db 20 AGAGCAATTAGTGAGACAGA 1

RESULT 571
BD138191/c
LOCUS BD138191 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138191
VERSION BD138191.1 GI:23233136
KEYWORDS JP 2002508944-A/117.
SOURCE unidentified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 117 26-MAR-2002;

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 824 TTCAGATGAATTATCTGGTG 843
Db 20 TTCAGATGAATTATCTGGTG 1

RESULT 573
BD138193/c
LOCUS BD138193 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138193
VERSION BD138193.1 GI:23233138
KEYWORDS JP 2002508944-A/119.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 119 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
PN JP 2002508944-A/119
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
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QY 844 AACGACAAAGAAAACGCCAC 863
Db 20 AACGACAAAGAAAACGCCAC 1

RESULT 575
BD138195/c
LOCUS BD138195 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138195
VERSION BD138195.1 GI:23233140
KEYWORDS JP 2002508944-A/121.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 121 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
PN JP 2002508944-A/121
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 833 ATTATCTGGTGAACGACAAA 852
Db 20 ATTATCTGGTGAACGACAAA 1

RESULT 574
BD138194/c
LOCUS BD138194 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138194
VERSION BD138194.1 GI:23233139
KEYWORDS JP 2002508944-A/120.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 120 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
PN JP 2002508944-A/120
PD 26-MAR-2002
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PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 844 AACGACAAAGAAAACGCCAC 863
Db 20 AACGACAAAGAAAACGCCAC 1

RESULT 575
BD138195/c
LOCUS BD138195 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138195
VERSION BD138195.1 GI:23233140
KEYWORDS JP 2002508944-A/121.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 121 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
PN JP 2002508944-A/121
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 857 ACGCCACAAATCTGATAGTA 876
Db 20 ACGCCACAAATCTGATAGTA 1

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RESULT 576
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LOCUS BD138196 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138196
VERSION BD138196.1 GI:23233141
KEYWORDS JP 2002508944-A/122.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 122 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/122
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C1201/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 867 TCTGATAGTATTTCCCTTTC 886
Db 20 TCTGATAGTATTTCCCTTTC 1

RESULT 577
BD138197/c
LOCUS BD138197 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138197
VERSION BD138197.1 GI:23233142
KEYWORDS JP 2002508944-A/123.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 123 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/123
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PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C1201/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 CCCTTTCCTTGTGATGAAGC 899
Db 20 CCCTTTCCTTGTGATGAAGC 1

RESULT 578
BD138198/c
LOCUS BD138198 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138198
VERSION BD138198.1 GI:23233143
KEYWORDS JP 2002508944-A/124.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 124 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/124
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 AAAGCCTGGCTCTGTGTGTA 914
Db 20 AAAGCCTGGCTCTGTGTGTA 1

RESULT 579
BD138199/c
LOCUS BD138199 20 bp DNA linear PAT 18-SEP-2002

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ORGANISM      unidentified
               unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS       Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE         Antisense modulation of human MDM2 expression
JOURNAL       Patent: JP 2002508944-A 128 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT       OS      Unidentified
               PN      JP 2002508944-A/128
               PD      26-MAR-2002
               PF      26-MAR-1999 JP 2000538025
               PR      26-MAR-1998 US 09/048810
               PI      LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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DB      20 AGAAGCAGTAGCAGTGAATC 1
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      |||||

RESULT 583
BD138203/c
LOCUS      BD138203
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138203
VERSION    BD138203.1 GI:232333148
KEYWORDS   JP 2002508944-A/129.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 129 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT    OS      Unidentified
               PN      JP 2002508944-A/129
               PD      26-MAR-2002
               PF      26-MAR-1999 JP 2000538025
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PI      COMSERT
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QY      936 AGAAGCAGTAGCAGTGAATC 955
DB      20 AGAAGCAGTAGCAGTGAATC 1
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RESULT 583
BD138203/c
LOCUS      BD138203
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138203
VERSION    BD138203.1 GI:232333148
KEYWORDS   JP 2002508944-A/129.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 129 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT    OS      Unidentified
               PN      JP 2002508944-A/129
               PD      26-MAR-2002
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QY      964 CGCCATCGAATCCGATCTT 983
DB      20 CGCCATCGAATCCGATCTT 1
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RESULT 585
BD138205/c
LOCUS      BD138205
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138205
VERSION    BD138205.1 GI:232333150
KEYWORDS   JP 2002508944-A/131.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression

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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      949 GTGAATCTACAGGACGCCA 968
DB      20 GTGAATCTACAGGACGCCA 1
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RESULT 584
BD138204/c
LOCUS      BD138204
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138204
VERSION    BD138204.1 GI:232333149
KEYWORDS   JP 2002508944-A/130.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 130 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT    OS      Unidentified
               PN      JP 2002508944-A/130
               PD      26-MAR-2002
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QY      964 CGCCATCGAATCCGATCTT 983
DB      20 CGCCATCGAATCCGATCTT 1
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RESULT 585
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LOCUS      BD138205
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138205
VERSION    BD138205.1 GI:232333150
KEYWORDS   JP 2002508944-A/131.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression

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PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///  
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Query Match 0.8%; Score 20; DB 1; Length 20;  
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 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 TTCAGATCAGTTAGTGTAG 1053  
 Db 20 TTCAGATCAGTTAGTGTAG 1

RESULT 592  
 BD138212/c  
 LOCUS  
 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138212  
 VERSION BD138212.1 GI:23233157  
 KEYWORDS JP 2002508944-A/138.  
 SOURCE unidentified  
 ORGANISM unclassified.  
 REFERENCE 1 (bases 1 to 20)  
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
 TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 138 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC

PN JP 2002508944-A/138  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
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 PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT  
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QY 1046 TAGTGTAGATTTGAGTTG 1065  
 Db 20 TAGTGTAGATTTGAGTTG 1

RESULT 593  
 BD138213/c

LOCUS  
 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138213  
 VERSION BD138213.1 GI:23233158  
 KEYWORDS JP 2002508944-A/139.  
 SOURCE unidentified  
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)  
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
 TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 139 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC

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PI COWSEERT  
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RESULT 594  
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LOCUS  
 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138214  
 VERSION BD138214.1 GI:23233159  
 KEYWORDS JP 2002508944-A/140.  
 SOURCE unidentified  
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)  
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
 TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 140 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified  
 PN JP 2002508944-A/140  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
 PR 26-MAR-1998 US 09/048810  
 PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT  
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///  
 PC C12Q1/68,  
 PC C12N15/00  
 CC Strandedness: Single;  
 CC Topology: Linear;

SOURCE	ORGANISM	REFERENCE	AUTHORS	TITLE	JOURNAL	COMMENT
unidentified	unidentified	1 (bases 1 to 20)	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.	Antisense modulation of human MDM2 expression	Patent: JP 2002508944-A 142 26-MAR-2002;	ISIS PHARMACEUTICALS INC
OS	Unidentified	OS	Unidentified	OS	Unidentified	OS
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PI	LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M	PI	LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M	PI	LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M	PI
PC	C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04	PC	C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04	PC	C12Q1/68,	PC
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DEFINITION	Antisense modulation of human MDM2 expression.	DEFINITION	Antisense modulation of human MDM2 expression.	DEFINITION	Antisense modulation of human MDM2 expression.	DEFINITION
ACCESSION	BD138217	ACCESSION	BD138217	ACCESSION	BD138217	ACCESSION
VERSION	BD138217.1 GI:23233162	VERSION	BD138217.1 GI:23233162	VERSION	BD138217.1 GI:23233162	VERSION
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SOURCE	unidentified	SOURCE	unidentified	SOURCE	unidentified	SOURCE
ORGANISM	unclassified.	ORGANISM	unclassified.	ORGANISM	unclassified.	ORGANISM
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AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.	AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.	AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.	AUTHORS
TITLE	Antisense modulation of human MDM2 expression	TITLE	Antisense modulation of human MDM2 expression	TITLE	Antisense modulation of human MDM2 expression	TITLE
JOURNAL	Patent: JP 2002508944-A 143 26-MAR-2002;	JOURNAL	Patent: JP 2002508944-A 143 26-MAR-2002;	JOURNAL	Patent: JP 2002508944-A 143 26-MAR-2002;	JOURNAL
COMMENT	ISIS PHARMACEUTICALS INC	COMMENT	ISIS PHARMACEUTICALS INC	COMMENT	ISIS PHARMACEUTICALS INC	COMMENT
PN	JP 2002508944-A/143	PN	JP 2002508944-A/143	PN	JP 2002508944-A/143	PN
PD	26-MAR-2002	PD	26-MAR-2002	PD	26-MAR-2002	PD
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PR	26-MAR-1998 US 09/048810	PR	26-MAR-1998 US 09/048810	PR	26-MAR-1998 US 09/048810	PR
PI	LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M	PI	LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M	PI	LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M	PI
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BD138217	LOCUS	BD138217	LOCUS	BD138217	LOCUS	BD138217
DEFINITION	Antisense modulation of human MDM2 expression.	DEFINITION	Antisense modulation of human MDM2 expression.	DEFINITION	Antisense modulation of human MDM2 expression.	DEFINITION
ACCESSION	BD138217	ACCESSION	BD138217	ACCESSION	BD138217	ACCESSION
VERSION	BD138217.1 GI:23233162	VERSION	BD138217.1 GI:23233162	VERSION	BD138217.1 GI:23233162	VERSION
KEYWORDS	JP 2002508944-A/143.	KEYWORDS	JP 2002508944-A/143.	KEYWORDS	JP 2002508944-A/143.	KEYWORDS
SOURCE	unidentified	SOURCE	unidentified	SOURCE	unidentified	SOURCE
ORGANISM	unclassified.	ORGANISM	unclassified.	ORGANISM	unclassified.	ORGANISM
REFERENCE	1 (bases 1 to 20)	REFERENCE	1 (bases 1 to 20)	REFERENCE	1 (bases 1 to 20)	REFERENCE
AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.	AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.	AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.	AUTHORS
TITLE	Antisense modulation of human MDM2 expression	TITLE	Antisense modulation of human MDM2 expression	TITLE	Antisense modulation of human MDM2 expression	TITLE
JOURNAL	Patent: JP 2002508944-A 143 26-MAR-2002;	JOURNAL	Patent: JP 2002508944-A 143 26-MAR-2002;	JOURNAL	Patent: JP 2002508944-A 143 26-MAR-2002;	JOURNAL
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Db 20 ATTATAGCCTTAGTGAGAA 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138218
VERSION BD138218.1 GI:23233163
KEYWORDS JP 2002508944-A/144.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 144 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/144
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
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PC C12Q1/68,
PC C12N15/00
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Db 20 CTTAGTGAGAGGACAGA 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138219
VERSION BD138219.1 GI:23233164
KEYWORDS JP 2002508944-A/145.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

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TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 145 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138220
VERSION BD138220.1 GI:23233165
KEYWORDS JP 2002508944-A/146.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 146 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/146
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138221
VERSION BD138221.1 GI:23233166
KEYWORDS JP 2002508944-A/147.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 147 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/147
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Db 20 AGATGATGAGGTATATCAAG 1

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LOCUS BD138223 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138223
VERSION BD138223.1 GI:23233168
KEYWORDS JP 2002508944-A/149.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 149 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/149
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Db 20 CTCAGATGAAGATGATGAGG 1

RESULT 602
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LOCUS BD138222 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138222
VERSION BD138222.1 GI:23233167
KEYWORDS JP 2002508944-A/148.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 148 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/148

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PD 26-MAR-2002
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PR 26-MAR-1998 US 09/048810
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PC C12N15/00
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CC Topology: Linear;
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138223
VERSION BD138223.1 GI:23233168
KEYWORDS JP 2002508944-A/149.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 149 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/149
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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Db      20 TATATCAGTACTACTGTAT 1
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Antisense modulation of human MDM2 expression.
BD138224
ACCESSION
VERSION      1 GI:32323169
KEYWORDS     JP 2002508944-A/150.
SOURCE       unidentified
ORGANISM     unidentified
REFERENCE    1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 150 26-MAR-2002;
COMMENT     ISIS PHARMACEUTICALS INC
PN          JP 2002508944-A/150
PD          26-MAR-2002
PF          26-MAR-1999 JP 2000538025
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REFERENCE
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AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 150 26-MAR-2002;
COMMENT     ISIS PHARMACEUTICALS INC
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DEFINITION     Antisense modulation of human MDM2 expression.
ACCESSION     BD138225
VERSION      1 GI:32323170
KEYWORDS     JP 2002508944-A/151.
SOURCE       unidentified
ORGANISM     unidentified
REFERENCE    1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 151 26-MAR-2002;
COMMENT     ISIS PHARMACEUTICALS INC
PN          JP 2002508944-A/151
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BD138226/c
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DEFINITION     Antisense modulation of human MDM2 expression.
ACCESSION     BD138226
VERSION      1 GI:23233171
KEYWORDS     JP 2002508944-A/152.
SOURCE       unidentified
ORGANISM     unidentified
REFERENCE    1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 152 26-MAR-2002;
COMMENT     ISIS PHARMACEUTICALS INC
PN          JP 2002508944-A/152
PD          26-MAR-2002
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PI          26-MAR-1998 US 09/048810
PI          LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC      C12Q1/68,
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QY      1170 GATACAGATTCATTGAAGA 1189
Db      20 GATACAGATTCATTGAAGA 1
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RESULT 607

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BD138227/c
LOCUS      BD138227      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138227
VERSION    BD138227.1 GI:23233172
KEYWORDS  JP 2002508944-A/153.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 153 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/153
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSETT
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CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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FT source 1..20
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QY 1184 TGAAGAAGATCTCGAAATTT 1203
Db 20 TGAAGAAGATCTCGAAATTT 1

RESULT 608
BD138228/c
LOCUS      BD138228      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138228
VERSION    BD138228.1 GI:23233173
KEYWORDS  JP 2002508944-A/154.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 154 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/154
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
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Db 20 TGAAGAAGATCTCGAAATTT 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138228
VERSION    BD138228.1 GI:23233173
KEYWORDS  JP 2002508944-A/154.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 154 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
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          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
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PC C12N15/00
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAAGATCTCGAAATTT 1203
Db 20 TGAAGAAGATCTCGAAATTT 1

RESULT 608
BD138229/c
LOCUS      BD138229      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138229
VERSION    BD138229.1 GI:23233174
KEYWORDS  JP 2002508944-A/155.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 155 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
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          PD 26-MAR-2002
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          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1196 TGAATTTTCCTTAGCTGACT 1215
Db 20 TGAATTTTCCTTAGCTGACT 1

RESULT 609
BD138229/c
LOCUS      BD138229      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138229
VERSION    BD138229.1 GI:23233174
KEYWORDS  JP 2002508944-A/155.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 155 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/155
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
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CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
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FT /organism='Unidentified'.

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1207 TAGCTGACTATTGGAATGC 1226
Db 20 TAGCTGACTATTGGAATGC 1

RESULT 610
BD138230/c
LOCUS      BD138230      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138230
VERSION    BD138230.1 GI:23233175

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KEYWORDS  JP 2002508944-A/156.
SOURCE      unidentified
ORGANISM    unidentified
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REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 156 26-MAR-2002,
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COMMENT     OS Unidentified
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            PD 26-MAR-2002
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            PR 26-MAR-1998 US 09/048810
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PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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Db 20 GAAATGCACCTTCATGCAATG 1

RESULT 611
BD138231/c
LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138231
VERSION     BD138231.1 GI:23233176
KEYWORDS   JP 2002508944-A/157.
SOURCE      unidentified
ORGANISM    unidentified
            unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 157 26-MAR-2002;
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COMMENT     OS Unidentified
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            PD 26-MAR-2002
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            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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KEYWORDS  JP 2002508944-A/156.
SOURCE      unidentified
ORGANISM    unidentified
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REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 156 26-MAR-2002,
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Db 20 CACTTCATGCAATGAAATGA 1

RESULT 612
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LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138232
VERSION     BD138232.1 GI:23233177
KEYWORDS   JP 2002508944-A/158.
SOURCE      unidentified
ORGANISM    unidentified
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REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 158 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT     OS Unidentified
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            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
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            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC C12N15/00
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Db 20 CCATCACATTGCAACAGATG 1

RESULT 613
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LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138233
VERSION     BD138233.1 GI:23233178
KEYWORDS   JP 2002508944-A/159.
SOURCE      unidentified
ORGANISM    unidentified
            unclassified.
REFERENCE   1 (bases 1 to 20)

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AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowdert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 159 26-MAR-2002;
COMMENT    ISIS PHARMACEUTICALS INC
OS         Unidentified
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CC         Topology: Linear;
CC         Antisense modulation of human MDM2 expression FH Key
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QY 1268 CAACAGATGTTGGCCCTTC 1287
Db 20 CAACAGATGTTGGCCCTTC 1

RESULT 614
BD138234/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138234
VERSION BD138234.1 GI:23233179
KEYWORDS JP 2002508944-A/160.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowdert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 160 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/160
PD 26-MAR-2002
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CC Topology: Linear;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 CAACAGATGTTGGCCCTTC 1

RESULT 614
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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138234
VERSION BD138234.1 GI:23233179
KEYWORDS JP 2002508944-A/160.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowdert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 160 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1275 TGTGGCCCTTCGTGAGAA 1294
Db 20 TGTGGCCCTTCGTGAGAA 1

RESULT 615
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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138235
VERSION BD138235.1 GI:23233180
KEYWORDS JP 2002508944-A/161.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowdert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 161 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
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PC C12N15/00
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 CCTTCGTGAGAAATGGCTTC 1302
Db 20 CCTTCGTGAGAAATGGCTTC 1

RESULT 616
BD138236/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138236
VERSION BD138236.1 GI:23233181
KEYWORDS JP 2002508944-A/162.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowdert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 162 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified

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PN JP 2002508944-A/162  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
 PR 26-MAR-1998 US 09/048810  
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CC Strandedness: Single;  
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QY 1292 GAATGGCTCTCTGAAGATA 1311

Db 20 GAATGGCTCTCTGAAGATA 1

RESULT 617  
 BD138237/c

LOCUS Antisense modulation of human MDM2 expression. PAT 18-SEP-2002  
 DEFINITION  
 ACCESSION BD138237

VERSION BD138237.1 GI:23233182

KEYWORDS JP 2002508944-A/163.

SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 163 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/163

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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSBERT  
 PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//  
 PC C12Q1/68,  
 PC C12N15/00

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 CC Topology: Linear;  
 CC Antisense modulation of human MDM2 expression FH Key  
 CC Location/Qualifiers

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FT Location/Qualifiers

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 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1301 TCCTGAAGATAAAGGGAAG 1320

Db 20 TCCTGAAGATAAAGGGAAG 1

RESULT 618  
 BD138238/c

LOCUS Antisense modulation of human MDM2 expression. PAT 18-SEP-2002

DEFINITION

ACCESSION BD138238

VERSION BD138238.1 GI:23233183

KEYWORDS JP 2002508944-A/164.

SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 164 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/164

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSBERT  
 PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//  
 PC C12Q1/68,  
 PC C12N15/00

CC Strandedness: Single;  
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FEATURES

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QY 1311 AAAGGGAAGATAAAGGGA 1330

Db 20 AAAGGGAAGATAAAGGGA 1

RESULT 619  
 BD138239/c

LOCUS Antisense modulation of human MDM2 expression. PAT 18-SEP-2002

DEFINITION

ACCESSION BD138239

VERSION BD138239.1 GI:23233184

KEYWORDS JP 2002508944-A/165.

SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 165 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/165

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC      C12N15/00
CC      Strandedness: Single;
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FT      source 1..20
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      20 AGGGAAATCTCTGAGAAAG 1

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LOCUS      BD138240
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138240
VERSION    BD138240.1 GI:23233185
KEYWORDS   JP 2002508944-A/166.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 166 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
          PN JP 2002508944-A/166
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 622
BD138242/c
LOCUS      BD138242
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138242
VERSION    BD138242.1 GI:23233187
KEYWORDS   JP 2002508944-A/168.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 168 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
          PN JP 2002508944-A/168
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Query Match
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DB 20 CTCACACAAAGCTGAAGAGG 1

RESULT 623
BD138243/C
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138243
VERSION BD138243.1 GI:23233188
KEYWORDS JP 2002508944-A/169.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 169 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/169
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
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Query Match
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 624
BD138244/C
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138244

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VERSION BD138244.1 GI:23233189
KEYWORDS JP 2002508944-A/170.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 170 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/170
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
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DB 20 AAACTATAGTGAATGATTC 1

RESULT 625
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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138245
VERSION BD138245.1 GI:23233190
KEYWORDS JP 2002508944-A/171.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 171 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/171
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowser, L.M.		Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowser, L.M.	
Antisense modulation of human MDM2 expression		Antisense modulation of human MDM2 expression	
Patent: JP 2002508944-A 173 26-MAR-2002;		Patent: JP 2002508944-A 174 26-MAR-2002;	
ISIS PHARMACEUTICALS INC		ISIS PHARMACEUTICALS INC	
OS Unidentified		OS Unidentified	
PN JP 2002508944-A/173		PN JP 2002508944-A/174	
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M		PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M	
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RESULT 627		RESULT 627	
BD138247/c		BD138247/c	
LOCUS		LOCUS	
DEFINITION		DEFINITION	
ACCESSION		ACCESSION	
VERSION		VERSION	
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QY 1439 GGAAATGATGATAAAATTA 1458

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 20 GGAAATGATGATAAAATTA 1

RESULT 629  
 BD138249/c

LOCUS BD138249 20 bp DNA linear PAT 18-SEP-2002  
 DEFINITION Antisense modulation of human MDM2 expression.

ACCESSION BD138249

VERSION BD138249.1 GI:23233194

KEYWORDS JP 2002508944-A/175.

SOURCE unidentified

ORGANISM unidentified

unclassified.

1 (bases 1 to 20)

REFERENCE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

AUTHORS Antisense modulation of human MDM2 expression

TITLE Patent: JP 2002508944-A 175 26-MAR-2002;

JOURNAL ISIS PHARMACEUTICALS INC

COMMENT

OS Unidentified

PN JP 2002508944-A/175

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PI 26-MAR-1998 US 09/048810

LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04

PC C12Q1/68,

PC C12N15/00

Strandedness: Single;

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Antisense modulation of human MDM2 expression FH Key

Location/Qualifiers

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FEATURES

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RESULT 630  
 BD138250/c

LOCUS BD138250 20 bp DNA linear PAT 18-SEP-2002  
 DEFINITION Antisense modulation of human MDM2 expression.

ACCESSION BD138250

VERSION BD138250.1 GI:23233195

KEYWORDS JP 2002508944-A/176.

SOURCE unidentified

ORGANISM unidentified

unclassified.

1 (bases 1 to 20)

REFERENCE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

AUTHORS Antisense modulation of human MDM2 expression

TITLE Patent: JP 2002508944-A 176 26-MAR-2002;

JOURNAL ISIS PHARMACEUTICALS INC

COMMENT

OS Unidentified

PN JP 2002508944-A/176

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PI 26-MAR-1998 US 09/048810

COMMENT

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PI COWSERT  
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 PC C12Q1/68,  
 PC C12N15/00

Strandedness: Single;

Topology: Linear;

Antisense modulation of human MDM2 expression FH Key

Location/Qualifiers

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FEATURES

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Query Match

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

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QY 1456 TTACACAAGCTTCACAATCA 1475

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RESULT 631

BD138251/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

unclassified.

REFERENCE

1 (bases 1 to 20)

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AUTHORS

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

TITLE

Antisense modulation of human MDM2 expression

JOURNAL

Patent: JP 2002508944-A 177 26-MAR-2002;

ISIS PHARMACEUTICALS INC

COMMENT

OS Unidentified

PN JP 2002508944-A/177

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04

PC C12Q1/68,  
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Strandedness: Single;

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Antisense modulation of human MDM2 expression FH Key

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Query Match

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Db      20    TTCACAATCAAGAAAGTG 1

RESULT 632
BD138252/c
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138252
VERSION     BD138252.1 GI:23233197
KEYWORDS   JP 2002508944-A/178.
SOURCE     unidentified
ORGANISM   unidentified
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REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 178 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
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          PD 26-MAR-2002
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          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI      CONSERT
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Db      20    AAGTGAAGACTATTCTCAGC 1

RESULT 633
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138253
VERSION     BD138253.1 GI:23233198
KEYWORDS   JP 2002508944-A/179.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 179 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/179
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138254
VERSION     BD138254.1 GI:23233199
KEYWORDS   JP 2002508944-A/180.
SOURCE     unidentified
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REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 180 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
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          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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RESULT 635
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LOCUS C12N15/00 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138255
VERSION BD138255.1 GI:23233200
KEYWORDS JP 2002508944-A/181.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 181 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/181
PD 26-MAR-2002
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PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Db 20 ACTTCTAGTACGATTATTTA 1

RESULT 636
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138256
VERSION BD138256.1 GI:23233201
KEYWORDS JP 2002508944-A/182.
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 182 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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Db 20 ACTTCTAGTACGATTATTTA 1

RESULT 637
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LOCUS C12N15/00 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138257
VERSION BD138257.1 GI:23233202
KEYWORDS JP 2002508944-A/183.
SOURCE unidentified
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 183 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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Db 20 CATTATTATAGCAGCCAG 1

RESULT 638
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138258
VERSION BD138258.1 GI:23233203
KEYWORDS JP 2002508944-A/184.
SOURCE unidentified
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
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RESULT 639
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138259
VERSION BD138259.1 GI:23233204
KEYWORDS JP 2002508944-A/185.
SOURCE unidentified
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 185 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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LOCUS C12N15/00 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138257
VERSION BD138257.1 GI:23233202
KEYWORDS JP 2002508944-A/183.
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TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 183 26-MAR-2002;
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BD138258/c
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138258
VERSION BD138258.1 GI:23233203
KEYWORDS JP 2002508944-A/184.
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ORGANISM unidentified
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
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JOURNAL Patent: JP 2002508944-A 184 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/184
PD 26-MAR-2002
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COMMENT
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 CTTAATGCCATTGAACCTTG 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138265
VERSION BD138265.1 GI:23233210
KEYWORDS JP 2002508944-A/191.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 191 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PF 26-MAR-1999 JP 2000538025
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Db 20 CTTAATGCCATTGAACCTTG 1

RESULT 646
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138266
VERSION BD138266.1 GI:23233211
KEYWORDS JP 2002508944-A/192.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 192 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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RESULT 647
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138267
VERSION BD138267.1 GI:23233212
KEYWORDS JP 2002508944-A/193.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 193 26-MAR-2002;
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## RESULT 648

BD138268/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138268  
 Antisense modulation of human MDM2 expression.  
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 JP 2002508944-A/194.  
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## RESULT 649

BD138269/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

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REFERENCE

AUTHORS

TITLE

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## RESULT 650

BD138270/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138270  
 Antisense modulation of human MDM2 expression.  
 BD138270  
 BD138270.1 GI:23233215  
 JP 2002508944-A/196.  
 Unidentified  
 Unidentified  
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 1 (bases 1 to 20)  
 Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.  
 Antisense modulation of human MDM2 expression  
 Patent: JP 2002508944-A 196 26-MAR-2002;  
 ISIS PHARMACEUTICALS INC  
 OS Unidentified  
 PN JP 2002508944-A/196  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
 PR 26-MAR-1998 US 09/048810  
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT  
 PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

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LOCUS
DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
BD138271
VERSION
BD138271.1 GI:23233216
KEYWORDS
JP 2002508944-A/197.
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 197 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/197
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
COWSEERT
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DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
BD138272
VERSION
BD138272.1 GI:23233217
KEYWORDS
JP 2002508944-A/198.
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 198 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/198
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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COWSEERT
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BD138273/c
LOCUS
DEFINITION
Antisense modulation of human MDM2 expression.
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VERSION
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KEYWORDS
JP 2002508944-A/199.
SOURCE
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ORGANISM
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REFERENCE
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AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 199 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/199
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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COWSEERT
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DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
BD138272
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BD138272.1 GI:23233217
KEYWORDS
JP 2002508944-A/198.
SOURCE
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ORGANISM
unclassified.
REFERENCE
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AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
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Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 198 26-MAR-2002;
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PN JP 2002508944-A/198
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PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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COWSEERT
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PC C12N15/00
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Qy 1690 CCTGCTTTACATGTGCAAG 1709
Db 20 CCTGCTTTACATGTGCAAG 1
RESULT 653
BD138273/c
LOCUS
DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
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VERSION
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KEYWORDS
JP 2002508944-A/199.
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
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AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
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Patent: JP 2002508944-A 199 26-MAR-2002;
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COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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CC Antisense modulation of human MDM2 expression FH Key

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**SOURCE**



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LOCUS BD138280 20 bp DNA linear PAT 18-SEP-2002  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138280  
VERSION BD138280.1 GI:23233225  
KEYWORDS JP 2002508944-A/206.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 206 26-MAR-2002;  
COMMENT ISIS PHARMACEUTICALS INC  
OS Unidentified  
PN JP 2002508944-A/206  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
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DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138282  
VERSION BD138282.1 GI:23233227  
KEYWORDS JP 2002508944-A/208.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 208 26-MAR-2002;  
COMMENT ISIS PHARMACEUTICALS INC  
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DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138281  
VERSION BD138281.1 GI:23233226  
KEYWORDS JP 2002508944-A/207.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 207 26-MAR-2002;  
COMMENT ISIS PHARMACEUTICALS INC  
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PN JP 2002508944-A/207  
PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138282  
VERSION BD138282.1 GI:23233227  
KEYWORDS JP 2002508944-A/208.  
SOURCE unidentified  
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
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JOURNAL Patent: JP 2002508944-A 208 26-MAR-2002;  
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PD 26-MAR-2002  
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DB 20 AGAATTATATATTTCTTAAC 1

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BD138283/c
LOCUS   BD138283
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138283
VERSION  BD138283.1 GI:23233228
KEYWORDS JP 2002508944-A/209.
SOURCE   unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS  Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE    Antisense modulation of human MDM2 expression
JOURNAL  Patent: JP 2002508944-A 209 26-MAR-2002;
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        PD 26-MAR-2002
        PR 26-MAR-1999 JP 2000538025
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          20 TTCTAACTATATAACCCCTAG 1
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LOCUS   BD138285
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138285
VERSION  BD138285.1 GI:23233230
KEYWORDS JP 2002508944-A/211.
SOURCE   unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS  Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE    Antisense modulation of human MDM2 expression
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          20 TTATATATTTCTAACTATAT 1
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RESULT 664
BD138284/c
LOCUS   BD138284
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138284
VERSION  BD138284.1 GI:23233229
KEYWORDS JP 2002508944-A/210.
SOURCE   unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS  Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE    Antisense modulation of human MDM2 expression
JOURNAL  Patent: JP 2002508944-A 210 26-MAR-2002;
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RESULT 666
BD138286/c

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LOCUS BD138286 20 bp DNA linear PAT 18-SEP-2002  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138286  
VERSION BD138286.1 GI:23233231  
KEYWORDS JP 2002508944-A/212.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 212 26-MAR-2002;  
ISIS PHARMACEUTICALS INC  
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PN JP 2002508944-A/212  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 667  
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LOCUS BD138287 20 bp DNA linear PAT 18-SEP-2002  
DEFINITION Antisense modulation of human MDM2 expression.  
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VERSION BD138287.1 GI:23233232  
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ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 213 26-MAR-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Unidentified  
PN JP 2002508944-A/213  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC C12Q1/68,  
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CC Strandedness: Single;  
CC Topology: Linear;  
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Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1832 CTAGGAATTTAGACACCTG 1851  
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Db 20 CTAGGAATTTAGACACCTG 1

RESULT 667  
BD138287/c  
LOCUS BD138287 20 bp DNA linear PAT 18-SEP-2002  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138287  
VERSION BD138287.1 GI:23233232  
KEYWORDS JP 2002508944-A/213.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 213 26-MAR-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Unidentified  
PN JP 2002508944-A/213  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT  
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//  
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PC C12N15/00  
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CC Topology: Linear;  
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 CTAGGAATTTAGACACCTG 1

CC Antisense modulation of human MDM2 expression FH Key  
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FT Location/Qualifiers  
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Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
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QY 1840 TTAGACAACTGAAATTTAT 1859  
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Db 20 TTAGACAACTGAAATTTAT 1

RESULT 668  
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LOCUS BD138288 20 bp DNA linear PAT 18-SEP-2002  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138288  
VERSION BD138288.1 GI:23233233  
KEYWORDS JP 2002508944-A/214.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 214 26-MAR-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Unidentified  
PN JP 2002508944-A/214  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT  
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//  
PC C12Q1/68,  
PC C12N15/00  
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CC Topology: Linear;  
CC Antisense modulation of human MDM2 expression FH Key  
CC Location/Qualifiers  
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FT Location/Qualifiers  
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FT 1..20 /organism='unidentified'  
FT /mol\_type='genomic DNA'  
FT /db\_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1850 TGAATTTATTCATATAT 1869  
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Db 20 TGAATTTATTCATATAT 1

RESULT 669  
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LOCUS BD138289 20 bp DNA linear PAT 18-SEP-2002  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138289  
VERSION BD138289.1 GI:23233234  
KEYWORDS JP 2002508944-A/215.

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SOURCE      unidentified
ORGANISM    unclassified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsest,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 215 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT     OS Unidentified
            PN JP 2002508944-A/215
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI          CONSERT
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PC          C12Q1/68,
PC          C12N15/00
CC          Strandedness: Single;
CC          Topology: Linear;
CC          Antisense modulation of human MDM2 expression FH Key
CC          Location/Qualifiers
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FEATURES
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB          20 TTTATTACATATATCAAG 1

RESULT 670
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LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138290
VERSION   BD138290.1 GI:23233235
KEYWORDS  JP 2002508944-A/216.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsest,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 216 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
            PN JP 2002508944-A/216
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI          CONSERT
PC          C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC          C12Q1/68,
PC          C12N15/00
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CC          Topology: Linear;
CC          Antisense modulation of human MDM2 expression FH Key
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source      Location/Qualifiers
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1855 TTTATTACATATATCAAG 1874
DB          20 TTTATTACATATATCAAG 1

RESULT 670
BD138290/c
LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138290
VERSION   BD138290.1 GI:23233235
KEYWORDS  JP 2002508944-A/216.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsest,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 216 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
            PN JP 2002508944-A/216
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
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            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI          CONSERT
PC          C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC          C12Q1/68,
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RESULT 672
BD138292/c
LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138292
VERSION   BD138292.1 GI:23233237
KEYWORDS  JP 2002508944-A/218.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsest,L.M.

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1865 TATATCAAAAGTGAGAAATG 1884
DB          20 TATATCAAAAGTGAGAAATG 1

RESULT 671
BD138291/c
LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138291
VERSION   BD138291.1 GI:23233236
KEYWORDS  JP 2002508944-A/217.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsest,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 217 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
            PN JP 2002508944-A/217
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI          CONSERT
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PC          C12Q1/68,
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CC          Antisense modulation of human MDM2 expression FH Key
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB          20 AAGTGAGAAATGCTCTCAAT 1

RESULT 672
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LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138292
VERSION   BD138292.1 GI:23233237
KEYWORDS  JP 2002508944-A/218.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsest,L.M.

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TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 218 26-MAR-2002;
COMMENT    ISIS PHARMACEUTICALS INC
OS         Unidentified
PN         JP 2002508944-A/218
PD         26-MAR-2002
PF         26-MAR-1999 JP 2000538025
PR         26-MAR-1998 US 09/048810
PI         LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI         COWSERT
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PC         C12N15/00
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CC         Topology: Linear;
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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DB      20 TGCCTCAATTCACATAGATT 1

RESULT 673
BD138293/c
LOCUS      BD138293
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138293
VERSION    BD138293.1 GI:23233238
KEYWORDS   JP 2002508944-A/219.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 219 26-MAR-2002;
COMMENT    ISIS PHARMACEUTICALS INC
OS         Unidentified
PN         JP 2002508944-A/219
PD         26-MAR-2002
PF         26-MAR-1999 JP 2000538025
PR         26-MAR-1998 US 09/048810
PI         LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC         C12Q1/68,
PC         C12N15/00
CC         Strandedness: Single;
CC         Topology: Linear;
CC         Antisense modulation of human MDM2 expression FH Key
CC         Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1883 TGCCTCAATTCACATAGATT 1902
DB      20 TGCCTCAATTCACATAGATT 1

RESULT 673
BD138293/c
LOCUS      BD138293
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138293
VERSION    BD138293.1 GI:23233238
KEYWORDS   JP 2002508944-A/219.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 219 26-MAR-2002;
COMMENT    ISIS PHARMACEUTICALS INC
OS         Unidentified
PN         JP 2002508944-A/219
PD         26-MAR-2002
PF         26-MAR-1999 JP 2000538025
PR         26-MAR-1998 US 09/048810
PI         LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI         COWSERT
PC         C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04///
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CC         Topology: Linear;
CC         Antisense modulation of human MDM2 expression FH Key
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1889 AATTCACATAGATTCTTCT 1908
DB      20 AATTCACATAGATTCTTCT 1

RESULT 674
BD138294/c
LOCUS      BD138294
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138294
VERSION    BD138294.1 GI:23233239
KEYWORDS   JP 2002508944-A/220.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 220 26-MAR-2002;
COMMENT    ISIS PHARMACEUTICALS INC
OS         Unidentified
PN         JP 2002508944-A/220
PD         26-MAR-2002
PF         26-MAR-1999 JP 2000538025
PR         26-MAR-1998 US 09/048810
PI         LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC         C12N15/00
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CC         Topology: Linear;
CC         Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1898 AGATTTCCTCTCTTAGTAT 1917
DB      20 AGATTTCCTCTCTTAGTAT 1

RESULT 675
BD138295/c
LOCUS      BD138295
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138295
VERSION    BD138295.1 GI:23233240
KEYWORDS   JP 2002508944-A/221.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 221 26-MAR-2002;
COMMENT    ISIS PHARMACEUTICALS INC
OS         Unidentified
PN         JP 2002508944-A/221

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PD 26-MAR-2002  
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 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONSENT  
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Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
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QY 1905 TTCTTTAGTATAATTGAC 1924  
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 Db 20 TTCTTTAGTATAATTGAC 1

# RESULT 676

BD138296/c

LOCUS 20 bp DNA linear PAT 18-SEP-2002  
 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138296  
 VERSION BD138296.1 GI:23233241  
 KEYWORDS JP 2002508944-A/222.  
 SOURCE unidentified  
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.  
 TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 222 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified  
 PN JP 2002508944-A/222  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
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 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONSENT

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Query Match 0.8%; Score 20; DB 1; Length 20;  
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 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1908 TTCTTTAGTATAATTGACCTA 1927

Db 20 TCTTTAGTATAATTGACCTA 1

# RESULT 677

BD138297/c

LOCUS 20 bp DNA linear PAT 18-SEP-2002  
 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138297  
 VERSION BD138297.1 GI:23233242  
 KEYWORDS JP 2002508944-A/223.  
 SOURCE unidentified  
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.  
 TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 223 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified  
 PN JP 2002508944-A/223  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
 PR 26-MAR-1998 US 09/048810  
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONSENT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//  
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QY 1913 AGTATAATTGACCTACTTTG 1932

Db 20 AGTATAATTGACCTACTTTG 1

# RESULT 678

BD138298/c

LOCUS 20 bp DNA linear PAT 18-SEP-2002  
 DEFINITION Antisense modulation of human MDM2 expression.  
 ACCESSION BD138298  
 VERSION BD138298.1 GI:23233243  
 KEYWORDS JP 2002508944-A/224.  
 SOURCE unidentified  
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.  
 TITLE Antisense modulation of human MDM2 expression  
 JOURNAL Patent: JP 2002508944-A 224 26-MAR-2002;  
 COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified  
 PN JP 2002508944-A/224  
 PD 26-MAR-2002  
 PF 26-MAR-1999 JP 2000538025  
 PR 26-MAR-1998 US 09/048810  
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT  
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///  
PC C12Q1/68,  
PC C12N15/00  
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QY 1920 TTGACCTACTTTGTGTAGTGG 1939

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## RESULT 679

BD138299/c  
LOCUS BD138299  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138299  
VERSION BD138299.1 GI:23233244  
KEYWORDS JP 2002508944-A/225.  
SOURCE unidentified  
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20 bp DNA linear PAT 18-SEP-2002

Antisense modulation of human MDM2 expression  
Patent: JP 2002508944-A 225 26-MAR-2002;  
ISIS PHARMACEUTICALS INC

OS Unidentified  
PN JP 2002508944-A/225  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT  
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QY 1920 TTGACCTACTTTGTGTAGTGG 1939

Db 20 TTGACCTACTTTGTGTAGTGG 1

## RESULT 680

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LOCUS BD138301  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138301  
VERSION BD138301.1 GI:23233246  
KEYWORDS JP 2002508944-A/227.  
SOURCE unidentified  
ORGANISM unidentified

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20 bp DNA linear PAT 18-SEP-2002

Antisense modulation of human MDM2 expression  
Patent: JP 2002508944-A 227 26-MAR-2002;  
ISIS PHARMACEUTICALS INC

OS Unidentified  
PN JP 2002508944-A/227  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT  
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///  
PC C12Q1/68,  
PC C12N15/00  
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CC Topology: Linear;  
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Db 20 GTAGTGGAAATAGTGAATACT 1

## BD138300/c

LOCUS BD138300  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138300  
VERSION BD138300.1 GI:23233245  
KEYWORDS JP 2002508944-A/226.  
SOURCE unidentified  
ORGANISM unidentified

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20 bp DNA linear PAT 18-SEP-2002

Antisense modulation of human MDM2 expression  
Patent: JP 2002508944-A 226 26-MAR-2002;  
ISIS PHARMACEUTICALS INC

OS Unidentified  
PN JP 2002508944-A/226  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT  
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///  
PC C12Q1/68,  
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CC Topology: Linear;  
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QY 1940 AATAGTGAATAGTACTACTATA 1959

Db 20 AATAGTGAATAGTACTACTATA 1

## RESULT 681

BD138301/c  
LOCUS BD138301  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138301  
VERSION BD138301.1 GI:23233246  
KEYWORDS JP 2002508944-A/227.  
SOURCE unidentified  
ORGANISM unidentified

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20 bp DNA linear PAT 18-SEP-2002

Antisense modulation of human MDM2 expression  
Patent: JP 2002508944-A 227 26-MAR-2002;  
ISIS PHARMACEUTICALS INC

OS Unidentified  
PN JP 2002508944-A/227  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT  
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///  
PC C12Q1/68,  
PC C12N15/00  
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CC Topology: Linear;  
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Query Match 0.8%; Score 20; DB 1; Length 20;  
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QY 1940 AATAGTGAATAGTACTACTATA 1959

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## RESULT 682

BD138301/c  
LOCUS BD138301  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138301  
VERSION BD138301.1 GI:23233246  
KEYWORDS JP 2002508944-A/227.  
SOURCE unidentified  
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20 bp DNA linear PAT 18-SEP-2002

Antisense modulation of human MDM2 expression  
Patent: JP 2002508944-A 227 26-MAR-2002;  
ISIS PHARMACEUTICALS INC

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PN JP 2002508944-A/227  
PD 26-MAR-2002  
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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QY 1940 AATAGTGAATAGTACTACTATA 1959

Db 20 AATAGTGAATAGTACTACTATA 1

## RESULT 683

BD138301/c  
LOCUS BD138301  
DEFINITION Antisense modulation of human MDM2 expression.  
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VERSION BD138301.1 GI:23233246  
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SOURCE unidentified  
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20 bp DNA linear PAT 18-SEP-2002

Antisense modulation of human MDM2 expression  
Patent: JP 2002508944-A 227 26-MAR-2002;  
ISIS PHARMACEUTICALS INC

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PD 26-MAR-2002  
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///  
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QY 1940 AATAGTGAATAGTACTACTATA 1959

Db 20 AATAGTGAATAGTACTACTATA 1

## RESULT 684

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DEFINITION Antisense modulation of human MDM2 expression.  
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VERSION BD138301.1 GI:23233246  
KEYWORDS JP 2002508944-A/227.  
SOURCE unidentified  
ORGANISM unidentified

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20 bp DNA linear PAT 18-SEP-2002

Antisense modulation of human MDM2 expression  
Patent: JP 2002508944-A 227 26-MAR-2002;  
ISIS PHARMACEUTICALS INC

OS Unidentified  
PN JP 2002508944-A/227  
PD 26-MAR-2002  
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT  
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///  
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KEYWORDS
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ORGANISM
REFERENCE
1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
AUTHORS
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 228 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
FN JP 2002508944-A/228
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

BD138302
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Antisense modulation of human MDM2 expression.
BD138302
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unclassified.
1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
AUTHORS
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 228 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
FN JP 2002508944-A/228
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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RESULT 684
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unclassified.
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
AUTHORS
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 230 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
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PD 26-MAR-2002
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PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

BD138304
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
AUTHORS
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 230 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
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Db 20 TATAAATTGACTTGAATATG 1
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RESULT 683
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VERSION
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
AUTHORS
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 228 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
FN JP 2002508944-A/228
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

BD138303
20 bp DNA linear PAT 18-SEP-2002
Antisense modulation of human MDM2 expression.
BD138303
BD138303.1 GI:23233248

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KEYWORDS
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ORGANISM
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unclassified.
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
AUTHORS
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 229 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
FN JP 2002508944-A/229
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
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CC Topology: Linear;
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RESULT 684
BD138304/c
LOCUS
DEFINITION
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
AUTHORS
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 230 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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QY 1997 TCCTAATTTTAAATAATTC 2016
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RESULT 688
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LOCUS BD138308 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138308
VERSION BD138308.1 GI:23233253
KEYWORDS JP 2002508944-A/234.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 234 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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FN JP 2002508944-A/234
PD 26-MAR-2002
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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DB 20 TCTACTCTGCTCTTAATGAG 1

RESULT 690
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138310
VERSION BD138310.1 GI:23233255
KEYWORDS JP 2002508944-A/236.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 236 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
FN JP 2002508944-A/236
PD 26-MAR-2002
PP 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2004 TTTAATAATTTTCTACTCTG 2023
DB 20 TTTAATAATTTTCTACTCTG 1

RESULT 689
BD138309/c
LOCUS BD138309 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138309
VERSION BD138309.1 GI:23233254
KEYWORDS JP 2002508944-A/235.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 235 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified

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QY 2020 TCTGCTTAATGAGAAGTA 2039
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RESULT 691
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LOCUS BD138311 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138311
VERSION BD138311.1 GI:23233256
KEYWORDS JP 2002508944-A/237.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 237 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/237
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 TTTTCTTAATGATATG 1

RESULT 692
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LOCUS BD138312 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138312
VERSION BD138312.1 GI:23233257
KEYWORDS JP 2002508944-A/238.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 238 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/238
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 TTTTCTTAATGATATG 1

RESULT 693
BD138313/c
LOCUS BD138313 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138313
VERSION BD138313.1 GI:23233258
KEYWORDS JP 2002508944-A/239.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 239 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/239
PD 26-MAR-2002 JP 2000538025
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSETT
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PC C12Q1/68,
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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RESULT 694
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138314
VERSION     BD138314.1 GI:23233259
KEYWORDS   JP 2002508944-A/240.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 240 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/240
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
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          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2103 ACCGAGTCTTGCTCTGTAC 2122
Db  20 ACCGAGTCTTGCTCTGTAC 1

RESULT 695
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138315
VERSION     BD138315.1 GI:23233260
KEYWORDS   JP 2002508944-A/241.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 241 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/241
          PD 26-MAR-2002
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FT  source      1..20
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Query Match      0.8%; Score 20; DB 1; Length 20;
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RESULT 696
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138316
VERSION     BD138316.1 GI:23233261
KEYWORDS   JP 2002508944-A/242.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 242 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/242
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
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PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db  20 TTGCTCTGTATCCAGGCTG 1

RESULT 697
BD138317/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138317
VERSION     BD138317.1 GI:23233262
KEYWORDS   JP 2002508944-A/243.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 243 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
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          PD 26-MAR-2002
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FT  source      1..20
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Query Match      0.8%; Score 20; DB 1; Length 20;
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QY  2116 CTGTTACCCAGGCTGGAGTG 2135
Db  20 CTGTTACCCAGGCTGGAGTG 1

RESULT 698
BD138318/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138318
VERSION     BD138318.1 GI:23233263
KEYWORDS   JP 2002508944-A/244.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 244 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
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          PD 26-MAR-2002
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CC  Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db  20 TTGCTCTGTATCCAGGCTG 1

RESULT 696
BD138316/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138316
VERSION     BD138316.1 GI:23233261
KEYWORDS   JP 2002508944-A/242.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 242 26-MAR-2002;
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COMMENT   OS Unidentified
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2116 CTGTTACCCAGGCTGGAGTG 2135
Db  20 CTGTTACCCAGGCTGGAGTG 1

RESULT 697
BD138317/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138317
VERSION     BD138317.1 GI:23233262
KEYWORDS   JP 2002508944-A/243.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 243 26-MAR-2002;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2116 CTGTTACCCAGGCTGGAGTG 2135
Db  20 CTGTTACCCAGGCTGGAGTG 1

RESULT 698
BD138318/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138318
VERSION     BD138318.1 GI:23233263
KEYWORDS   JP 2002508944-A/244.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 244 26-MAR-2002;
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          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
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QY  2119 TTTGCTCTGTATCCAGGCTG 2138
Db  20 TTTGCTCTGTATCCAGGCTG 1

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VERSION BD138317.1 GI:23233262  
KEYWORDS JP 2002508944-A/243.  
SOURCE unidentified  
ORGANISM unidentified  
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 243 26-MAR-2002;  
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PC C12Q1/68,  
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CC Strandedness: Single;  
CC Topology: Linear;  
CC Antisense modulation of human MDM2 expression FH Key  
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Query Match 0.8%; Score 20; DB 1; Length 20;  
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QY 2123 CCAGCTGGAGTGGG 2142  
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Db 20 CCAGCTGGAGTGGG 1

RESULT 698  
BD138318/c  
LOCUS  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138318  
VERSION BD138318.1 GI:23233263  
KEYWORDS JP 2002508944-A/244.  
SOURCE unidentified  
ORGANISM unidentified  
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
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JOURNAL Patent: JP 2002508944-A 244 26-MAR-2002;  
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Query Match 0.8%; Score 20; DB 1; Length 20;  
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 CCAGCTGGAGTGGG 1

RESULT 698  
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LOCUS  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138318  
VERSION BD138318.1 GI:23233263  
KEYWORDS JP 2002508944-A/244.  
SOURCE unidentified  
ORGANISM unidentified  
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 244 26-MAR-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Unidentified  
PN JP 2002508944-A/244  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PR 26-MAR-1998 US 09/048810  
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Db 20 GTGCAGTGGGTGCTTGGC 1

RESULT 699  
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LOCUS  
DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138319  
VERSION BD138319.1 GI:23233264  
KEYWORDS JP 2002508944-A/245.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 245 26-MAR-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Unidentified  
PN JP 2002508944-A/245  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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DEFINITION Antisense modulation of human MDM2 expression.  
ACCESSION BD138320  
VERSION BD138320.1 GI:23233265  
KEYWORDS JP 2002508944-A/246.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 246 26-MAR-2002;  
ISIS PHARMACEUTICALS INC  
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PN JP 2002508944-A/246  
PD 26-MAR-2002  
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SOURCE unidentified  
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REFERENCE 1 (bases 1 to 20)  
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.  
TITLE Antisense modulation of human MDM2 expression  
JOURNAL Patent: JP 2002508944-A 246 26-MAR-2002;  
ISIS PHARMACEUTICALS INC  
COMMENT OS Unidentified  
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 246 26-MAR-2002;
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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138321
VERSION BD138321.1 GI:23233266
KEYWORDS JP 2002508944-A/247.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 247 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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RESULT 701
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KEYWORDS JP 2002508944-A/247.
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
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JOURNAL Patent: JP 2002508944-A 247 26-MAR-2002;
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138322
VERSION BD138322.1 GI:23233267
KEYWORDS JP 2002508944-A/248.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 248 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/248
PD 26-MAR-2002
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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138323
VERSION BD138323.1 GI:23233268
KEYWORDS JP 2002508944-A/249.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
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KEYWORDS JP 2002508944-A/248.
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JOURNAL Patent: JP 2002508944-A 248 26-MAR-2002;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2176 GGGTTCGCACCATTCCTCTG 2195
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RESULT 703
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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138323
VERSION BD138323.1 GI:23233268
KEYWORDS JP 2002508944-A/249.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
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COMMENT
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PR      26-MAR-1998 US 09/048810
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DEFINITION      Antisense modulation of human MDM2 expression.
ACCESSION      BD138324
VERSION      BD138324.1 GI:23233269
KEYWORDS      JP 2002508944-A/250.
SOURCE      unidentified
ORGANISM      unidentified
REFERENCE      1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 250 26-MAR-2002;
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OS      Unidentified
PN      JP 2002508944-A/250
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QY      2195 CCATTCTCCTGCCTCAGCCT 2204
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RESULT 704
LOCUS      BD138324/c
DEFINITION      Antisense modulation of human MDM2 expression.
ACCESSION      BD138324
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KEYWORDS      JP 2002508944-A/250.
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JOURNAL      Patent: JP 2002508944-A 250 26-MAR-2002;
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DEFINITION      Antisense modulation of human MDM2 expression.
ACCESSION      BD138326
VERSION      BD138326.1 GI:23233271
KEYWORDS      JP 2002508944-A/252.
SOURCE      unidentified
ORGANISM      unidentified
REFERENCE      1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
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JOURNAL      Patent: JP 2002508944-A 252 26-MAR-2002;
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DEFINITION      Antisense modulation of human MDM2 expression.
ACCESSION      BD138325
VERSION      BD138325.1 GI:23233270
KEYWORDS      JP 2002508944-A/251.
SOURCE      unidentified
ORGANISM      unidentified
REFERENCE      1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 251 26-MAR-2002;
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RESULT 706
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ACCESSION      BD138326
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SOURCE      unidentified
ORGANISM      unidentified
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JOURNAL      Patent: JP 2002508944-A 252 26-MAR-2002;
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P. MONIA, LEX M

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QY 2202 CCTCCCAATTAGCTGGCCT 2221

DB 20 CCTCCCAATTAGCTGGCCT 1

RESULT 707

BD138327/c

LOCUS

DEFINITION

Antisense modulation of human MDM2 expression.

ACCESSION

BD138327

VERSION

BD138327.1 GI:23233272

KEYWORDS

JP 2002508944-A/253.

SOURCE

unidentified

ORGANISM

unclassified.

REFERENCE

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

TITLE

Antisense modulation of human MDM2 expression

JOURNAL

Patent: JP 2002508944-A 253 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/253

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P. MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68.

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

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FT /organism='Unidentified'.

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Location/Qualifiers

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/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2210 TTAGCTTGGCCTACAGTCAT 2229

DB 20 TTAGCTTGGCCTACAGTCAT 1

RESULT 708

BD138328/c

LOCUS

DEFINITION

Antisense modulation of human MDM2 expression.

ACCESSION

BD138328

VERSION

BD138328.1 GI:23233273

KEYWORDS

JP 2002508944-A/254.

SOURCE

unidentified

ORGANISM

unclassified.

REFERENCE

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

TITLE

Antisense modulation of human MDM2 expression

JOURNAL

Patent: JP 2002508944-A 254 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/254

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P. MONIA, LEX M

PC COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68.

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

FT source 1..20

FT /organism='Unidentified'.

FEATURES

source

Location/Qualifiers

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/organism="unidentified"

/mol\_type="genomic DNA"

/db\_xref="taxon:32644"

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2213 GCTTGGCCTACAGTCATCTG 2232

DB 20 GCTTGGCCTACAGTCATCTG 1

RESULT 709

BD138329/c

LOCUS

DEFINITION

Antisense modulation of human MDM2 expression.

ACCESSION

BD138329

VERSION

BD138329.1 GI:23233274

KEYWORDS

JP 2002508944-A/255.

SOURCE

unidentified

ORGANISM

unclassified.

REFERENCE

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

TITLE

Antisense modulation of human MDM2 expression

JOURNAL

Patent: JP 2002508944-A 255 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/255

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P. MONIA, LEX M

PC COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68.

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PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.
FEATURES
source
Location/Qualifiers
1..20
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/db_xref='taxon:32644'
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2218 GCCTACAGTCATCTGCCACC 2237
|||||
Db 20 GCCTACAGTCATCTGCCACC 1

RESULT 710
BD138330/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138330
VERSION BD138330.1 GI:23233275
KEYWORDS JP 2002508944-A/256.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 256 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/256
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.
FEATURES
source
Location/Qualifiers
1..20
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2232 GCCACACACCTGGCTAATT 2251
|||||
Db 20 GCCACACACCTGGCTAATT 1

RESULT 711
BD138331/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.

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ACCESSION BD138331
VERSION BD138331.1 GI:23233276
KEYWORDS JP 2002508944-A/257.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 257 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/257
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
Location/Qualifiers
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FT /organism='Unidentified'.
FEATURES
source
Location/Qualifiers
1..20
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/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2253 TTTGTACTTTTAGTAGAGAC 2272
|||||
Db 20 TTTGTACTTTTAGTAGAGAC 1

RESULT 712
BD138332/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138332
VERSION BD138332.1 GI:23233277
KEYWORDS JP 2002508944-A/258.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 258 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/258
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
Location/Qualifiers

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/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2290 GCCAGGATGGTCTCGATCTC 2309
|||||
Db 20 GCCAGGATGGTCTCGATCTC 1

RESULT 716
BD138336/c
LOCUS          20 bp    DNA linear PAT 18-SEP-2002
DEFINITION     Antisense modulation of human MDM2 expression.
ACCESSION      BD138336
VERSION        BD138336.1 GI:23233281
KEYWORDS       JP 2002508944-A/262.
SOURCE         unidentified
ORGANISM       unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS       Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE         Antisense modulation of human MDM2 expression
JOURNAL        Patent: JP 2002508944-A 262 26-MAR-2002;
              ISIS PHARMACEUTICALS INC
COMMENT        OS Unidentified
               PN JP 2002508944-A/262
               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
               PR 26-MAR-1998 US 09/048810
               PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2307 CTCCTGACTCTGTGTCGCCG 2326
|||||
Db 20 CTCCTGACTCTGTGTCGCCG 1

RESULT 718
BD138338/c
LOCUS          20 bp    DNA linear PAT 18-SEP-2002
DEFINITION     Antisense modulation of human MDM2 expression.
ACCESSION      BD138338
VERSION        BD138338.1 GI:23233283
KEYWORDS       JP 2002508944-A/264.
SOURCE         unidentified
ORGANISM       unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS       Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE         Antisense modulation of human MDM2 expression
JOURNAL        Patent: JP 2002508944-A 264 26-MAR-2002;
              ISIS PHARMACEUTICALS INC
COMMENT        OS Unidentified
               PN JP 2002508944-A/264
               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
               PR 26-MAR-1998 US 09/048810
               PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2298 GGTCTCGATCTCTGACCTC 2317
|||||
Db 20 GGTCTCGATCTCTGACCTC 1

RESULT 717
BD138337/c
LOCUS          20 bp    DNA linear PAT 18-SEP-2002
DEFINITION     Antisense modulation of human MDM2 expression.
ACCESSION      BD138337
VERSION        BD138337.1 GI:23233282
KEYWORDS       JP 2002508944-A/263.
SOURCE         unidentified
ORGANISM       unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS       Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE         Antisense modulation of human MDM2 expression
JOURNAL        Patent: JP 2002508944-A 263 26-MAR-2002;

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2319 TGATCCGCCCACTCGGCCT 2338

Db 20 TGATCCGCCCACTCGGCCT 1

RESULT 719

BD138339/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

QY 2319

Db 20

QY 2319

Db 20

QY 2319

Db 20

QY 2319

Db 20

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QY 2319

Db 20

QY 2319

Db 20

PR 26-MAR-1998 US 09/048810-

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression PH Key

CC Location/Qualifiers

FT source 1..20

FT Location/Qualifiers

1..20 /organism='Unidentified'.

source /organism='unidentified'

/mol\_type='genomic DNA'

/db\_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTCTGGGA 2353

Db 20 GGCCTCCCAAGTCTGGGA 1

QY 2334

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QY 2334

Db 20

QY 2334

Db 20

QY 2334

Db 20

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RESULT 722
BD138342/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138342
VERSION BD138342.1 GI:23233287
KEYWORDS JP 2002508944-A/268.
SOURCE unidentified
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 268 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/268
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.
FEATURES
source
1..20
Location/Qualifiers
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCAC 2370
Db 20 GGATTACAGGCATGAGCCAC 1

RESULT 723
AB069259
LOCUS
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-R89K16R
at lp36.
ACCESSION AB069259
VERSION AB069259.1 GI:15130063
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Chen,Y.Z., Hayaishi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PubMed 11374902
REFERENCE 2 (bases 1 to 20)
AUTHORS Horii,A.
TITLE Direct Submission

JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source
1..20
Location/Qualifiers
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

misc_feature
1..20
/notes='reverse primer for human STS sts-R89K16R at lp36
sts-R89K16R obtained from clones B7H21 B7I21 B4M23 B113016
B4SG17 B62G22 B89K16 B102J17,19 B7H21 B7I21, Human BAC
library RPCI-11'

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2337 CTCCCAAGTCTGGGATTA 2356
Db 1 CTCCCAAGTCTGGGATTA 20

RESULT 724
E50642/c
LOCUS
DEFINITION Simple detection method of drug-metabolizing synthetase gene
polymorphism.
ACCESSION E50642
VERSION E50642.1 GI:18629423
KEYWORDS JP 2001017185-A/6.
SOURCE unidentified
ORGANISM
REFERENCE 1 (bases 1 to 22)
AUTHORS Mizugaki,M. and Hiratauka,M.
TITLE Simple detection method of drug-metabolizing synthetase gene
JOURNAL Patent: JP 2001017185-A 6 23-JAN-2001;
OTSUKA PHARMACEUT CO LTD
COMMENT OS Unidentified
PN JP 2001017185-A/6
PD 23-JAN-2001
PF 10-DEC-1999 JP 1999351610
PR MICHINAO MIZUGAKI, MASAHIRO HIRATSUKA
PC C12N15/09,C12Q1/68,C12Q1/68,C12N15/00
CC
CC FH Key Location/Qualifiers
CC FT source 1..22
CC FT /organism='Unidentified'.
FEATURES
source
1..22
Location/Qualifiers
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2346 TGCTGGGATACAGGCATGA 2365
Db 20 TGCTGGGATACAGGCATGA 1

RESULT 725
AX214484
LOCUS
DEFINITION Sequence 27 from Patent WO0159152.
ACCESSION AX214484
VERSION AX214484.1 GI:15524532
KEYWORDS

```

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SOURCE      synthetic construct
ORGANISM     synthetic construct
              artificial sequences.
REFERENCE    1
AUTHORS      Zanger,U.M. and Lang,T.
TITLE        Polymorphisms in the human cyp2b6 gene and their use in diagnostic
              and therapeutic applications
JOURNAL      Patent: WO 0159152-A 27 16-AUG-2001;
              Epidauros Biotechnologie AG (DE)
FEATURES     Location/Qualifiers
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              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="artificial sequence"

Query Match      0.8%; Score 20; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2352 GATTACAGGCATGAGCCACC 2371
          |||||
          1 GATTACAGGCATGAGCCACC 20

Db

RESULT 726
LOCUS      AX693015                25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5747 from Patent EPI281758.
ACCESSION  AX693015
VERSION     AX693015.1 GI:29415978
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM     Homo sapiens
REFERENCE    1
AUTHORS      Shannnon,M., Gu,Y. and Nguyen,C.T.
TITLE        Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
              mdz12
JOURNAL      Patent: EP 1281758-A 5747 05-FEB-2003;
              Aeomica, Inc. (US)
FEATURES     Location/Qualifiers
              1..25
              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match      0.8%; Score 20; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2274 GGGTTTCACCGTGTAGCCA 2293
          |||||
          6 GGGTTTCACCGTGTAGCCA 25

Db

RESULT 727
LOCUS      AR208396/c              26 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 12 from patent US 6383752.
ACCESSION  AR208396
VERSION     AR208396.1 GI:21509539
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 26)
AUTHORS      Agrawal,S. and Kandimala,E.R.
TITLE        Pseudo-cyclic oligonucleobases
JOURNAL      Patent: US 6383752-A 12 07-MAY-2002;
              Location/Qualifiers
              1..26
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Primer"

Query Match      0.8%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGGCATGAGC 2367
          |||||
          1 GTGCTGGGATTACAGGCATGAGC 23

Db

SOURCE      23 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 210 from Patent WO0129262.
ACCESSION  AX115087
VERSION     AX115087.1 GI:14032029
KEYWORDS    synthetic construct
              synthetic construct
              artificial sequences.
SOURCE      1
ORGANISM     Picoult-Newburg,L. and Pohl,M.
REFERENCE    1
AUTHORS      Genotyping reagents, kits and methods of use thereof
TITLE        Patent: WO 0129262-A 210 26-APR-2001;
JOURNAL      Orchid Biosciences, Inc. (US)
FEATURES     Location/Qualifiers
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              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Primer"

Query Match      0.8%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGGCATGAGC 2367
          |||||
          1 GTGCTGGGATTACAGGCATGAGC 23

Db

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SOURCE      synthetic construct
ORGANISM     synthetic construct
              artificial sequences.
REFERENCE    1
AUTHORS      Zanger,U.M. and Lang,T.
TITLE        Polymorphisms in the human cyp2b6 gene and their use in diagnostic
              and therapeutic applications
JOURNAL      Patent: WO 0159152-A 27 16-AUG-2001;
              Epidauros Biotechnologie AG (DE)
FEATURES     Location/Qualifiers
              1..22
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="artificial sequence"

Query Match      0.8%; Score 20; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2352 GATTACAGGCATGAGCCACC 2371
          |||||
          1 GATTACAGGCATGAGCCACC 20

Db

RESULT 726
LOCUS      AX693015                25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5747 from Patent EPI281758.
ACCESSION  AX693015
VERSION     AX693015.1 GI:29415978
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM     Homo sapiens
REFERENCE    1
AUTHORS      Shannnon,M., Gu,Y. and Nguyen,C.T.
TITLE        Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
              mdz12
JOURNAL      Patent: EP 1281758-A 5747 05-FEB-2003;
              Aeomica, Inc. (US)
FEATURES     Location/Qualifiers
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              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match      0.8%; Score 20; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2274 GGGTTTCACCGTGTAGCCA 2293
          |||||
          6 GGGTTTCACCGTGTAGCCA 25

Db

RESULT 727
LOCUS      AR208396/c              26 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 12 from patent US 6383752.
ACCESSION  AR208396
VERSION     AR208396.1 GI:21509539
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 26)
AUTHORS      Agrawal,S. and Kandimala,E.R.
TITLE        Pseudo-cyclic oligonucleobases
JOURNAL      Patent: US 6383752-A 12 07-MAY-2002;
              Location/Qualifiers
              1..26
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Primer"

Query Match      0.8%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGGCATGAGC 2367
          |||||
          1 GTGCTGGGATTACAGGCATGAGC 23

Db

SOURCE      23 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 210 from Patent WO0129262.
ACCESSION  AX115087
VERSION     AX115087.1 GI:14032029
KEYWORDS    synthetic construct
              synthetic construct
              artificial sequences.
SOURCE      1
ORGANISM     Picoult-Newburg,L. and Pohl,M.
REFERENCE    1
AUTHORS      Genotyping reagents, kits and methods of use thereof
TITLE        Patent: WO 0129262-A 210 26-APR-2001;
JOURNAL      Orchid Biosciences, Inc. (US)
FEATURES     Location/Qualifiers
              1..23
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              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Primer"

Query Match      0.8%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGGCATGAGC 2367
          |||||
          1 GTGCTGGGATTACAGGCATGAGC 23

Db

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RESULT 730
AR214382          AR214382          24 bp      DNA      linear      PAT 25-SEP-2002
LOCUS
DEFINITION      Sequence 26 from patent US 6407062.
ACCESSION      AR214382
VERSION        AR214382.1  GI:23312035
KEYWORDS
SOURCE
ORGANISM      Unknown.
REFERENCE
AUTHORS      Sherr,C.J., Quille,D., Roussel,M.F., Zindy,F. and Weber,J.D.
TITLE        ARF-P19, a novel regulator of the mammalian cell cycle
JOURNAL      Patent: US 6407062-A 26 18-JUN-2002;
FEATURES
source
Location/Qualifiers
1. .24
/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.8%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 8.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 307  GGCAATGTGCAATACCAACATG 329
Db 2  GCCATATGTGCAATACCAACATG 24

RESULT 731
AX093775
LOCUS
DEFINITION      Sequence 13 from Patent WO0118254.
ACCESSION      AX093775
VERSION        AX093775.1  GI:13510038
KEYWORDS
SOURCE
ORGANISM      Homo sapiens (human)
REFERENCE
AUTHORS      Wang,W.W. and Struewing,J.P.
TITLE        Mutation of rad51 gene and its use in the diagnosis of
predisposition to breast cancer
JOURNAL      Patent: WO 0118254-A 13 15-MAR-2001;
THE DEPARTMENT OF HEALTH & HUMAN SERVICES (US)
FEATURES
source
Location/Qualifiers
1. .24
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.8%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 8.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2193  CTGCTCAGCTCCCAATGACT 2215
Db 1  CTGCTCAGCTCCCAAGTACT 23

RESULT 732
AX612650
LOCUS
DEFINITION      Sequence 3675 from Patent WO02072882.
ACCESSION      AX612650
VERSION        AX612650.1  GI:28408079
KEYWORDS
SOURCE
ORGANISM      Homo sapiens (human)
REFERENCE
AUTHORS      Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE        Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL      Patent: EP 1281758-A 5567 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

AUTHORS      Cullen,P. and Seedorf,U.
TITLE        Coronary chip
JOURNAL      Patent: WO 02072882-A 3675 19-SEP-2002;
OGHAM GmbH (DE)
FEATURES
source
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2294  GGATGCTCGATCTCTGACCT 2316
Db 1  GGCTGGTCTCAATCTCTGACCT 23

RESULT 733
AX692834
LOCUS
DEFINITION      Sequence 5566 from Patent EP1281758.
ACCESSION      AX692834
VERSION        AX692834.1  GI:29415797
KEYWORDS
SOURCE
ORGANISM      Homo sapiens (human)
REFERENCE
AUTHORS      Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE        Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL      Patent: EP 1281758-A 5566 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2089  TTATTTTITTTTGACACGAGTCT 2111
Db 2  TTTTITTTTITTTTGACACGAGTCT 24

RESULT 734
AX692835
LOCUS
DEFINITION      Sequence 5567 from Patent EP1281758.
ACCESSION      AX692835
VERSION        AX692835.1  GI:29415798
KEYWORDS
SOURCE
ORGANISM      Homo sapiens (human)
REFERENCE
AUTHORS      Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE        Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL      Patent: EP 1281758-A 5567 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Query Match      0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  2089 TTATTTTTCGACACCGAGTCT 2111
Db  1 TTTTTCGACACGAGTCT 23

RESULT 735
AX692916
LOCUS      AX692916      25 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION Sequence 5648 from Patent EP1281758.
ACCESSION  AX692916
VERSION     AX692916.1 GI:29415879
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 5648 05-FEB-2003;
            Aecomica, Inc. (US)
FEATURES    source
            Location/Qualifiers
                ..25
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  2173 CCCGGTTCGACCATTCCTCG 2195
Db  3 CCTGGTTCACCATTCCTCG 25

RESULT 736
AX692989
LOCUS      AX692989      25 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION Sequence 5721 from Patent EP1281758.
ACCESSION  AX692989
VERSION     AX692989.1 GI:29415952
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 5721 05-FEB-2003;
            Aecomica, Inc. (US)
FEATURES    source
            Location/Qualifiers
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                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  2246 CTAATTTTTCGACTTTTAGTAG 2268
Db  3 CTAATATTTTGTATTTTAGTAG 25

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 8.9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy  2102 GACCGAGTCTTGCTCTGTTACCCAGG 2127
Db  26 GACACAGTCTCGCTCAGTTACCCAGG 1

RESULT 737
AR171124/c
LOCUS      AR171124      26 bp      DNA      linear      PAT 17-DEC-2001
DEFINITION Sequence 33 from patent US 6297014.
ACCESSION  AR171124
VERSION     AR171124.1 GI:17910074
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 26)
AUTHORS     Taylor,K.D., Scheuner,M.T., Rotter,J.I. and Yang,H.
TITLE       Genetic test to determine non-responsiveness to statin drug
            treatment
JOURNAL     Patent: US 6297014-A 33 02-OCT-2001;
            Cedars-Sinai Medical Center (US)
FEATURES    source
            Location/Qualifiers
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                /mol_type="unassigned DNA"

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.8%; Pred. No. 8.9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy  2102 GACCGAGTCTTGCTCTGTTACCCAGG 2127
Db  26 GACACAGTCTCGCTCAGTTACCCAGG 1

RESULT 738
CO798598/c
LOCUS      CO798598      26 bp      DNA      linear      PAT 20-APR-2004
DEFINITION Sequence 33 from Patent EP1408121.
ACCESSION  CO798598
VERSION     CO798598.1 GI:46426960
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Taylor,K.D., Scheuner,M., Rotter,J. and Yang,H.
TITLE       Genetic test to determine non-responsiveness to statin drug
            treatment
JOURNAL     Patent: EP 1408121-A 33 14-APR-2004;
            Cedars-Sinai Medical Center (US)
FEATURES    source
            Location/Qualifiers
                ..26
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 8.9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy  2102 GACCGAGTCTTGCTCTGTTACCCAGG 2127
Db  26 GACACAGTCTCGCTCAGTTACCCAGG 1

RESULT 739
AR274339/c
LOCUS      AR274339      26 bp      DNA      linear      PAT 10-APR-2003
DEFINITION Sequence 7 from patent US 6506562.
ACCESSION  AR274339
VERSION     AR274339.1 GI:29706785
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 26)

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Query Match	0.8%;	Score 19.6;	DB 1;	Length 26;
Best Local Similarity	84.6%;	Pred. No. 8.9e+02;		

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VERSION AR182144.1 GI:20225060
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Bartel,P.L. and Tavtigian,S.V.
TITLE MMSC1-an MMAC1 interacting protein
JOURNAL Patent: US 6337192-A 61 08-JAN-2002;
FEATURES
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 21;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCAGGCTG 2130
Db 1 CTTGCTCTGTACCAGGCTG 21

RESULT 745
AX116195
LOCUS AX116195 21 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 1318 from Patent WO0129262.
ACCESSION AX116195
VERSION AX116195.1 GI:14033137
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 1318 26-APR-2001;
        Orchid BioSciences, Inc. (US)
FEATURES
    source
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            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Primer"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 21;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2341 CAAAGTCCTGGATTACAGGC 2361
Db 1 CAAAGTCCTGGATTACAGGC 21

RESULT 746
AX117743
LOCUS AX117743 21 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 2866 from Patent WO0129262.
ACCESSION AX117743
VERSION AX117743.1 GI:14034694
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 2866 26-APR-2001;
        Orchid BioSciences, Inc. (US)
FEATURES
    source
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            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 21;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2283 CGTGTAGCCAGGATGGTCTC 2303
Db 1 CATGTTAGCCAGGATGGTCTC 21

RESULT 747
AX676183
LOCUS AX676183 21 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 40 from Patent WO02057429.
ACCESSION AX676183
VERSION AX676183.1 GI:29333859
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Yan,W.L.
TITLE A method for producing a population of homozygous stem cells having
        a pre-selected immunophenotype and/or genotype
JOURNAL Patent: WO 02057429-A 40 25-JUL-2002;
        Stemron, Inc. (US)
FEATURES
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            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Primer"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 21;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGAGCCAC 2370
Db 1 GGGATTACAGGCATGAGCCAC 21

RESULT 748
AX741033/C
LOCUS AX741033 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 7 from Patent WO03027328.
ACCESSION AX741033
VERSION AX741033.1 GI:30523894
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Kirsean,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
        detectable probe binding to randomly distributed repeat sequences
        in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 7 03-APR-2003;
        Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
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            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="Description of Combined DNA/RNA Molecule:Synthetic
                Oligomer Sequence-Synthetic Probe Sequence"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 21;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2260 TTTTAGTAGACAGCGGTTTC 2280
Db 21 TTTTAGTAGACAGCGGTTTC 1

RESULT 749
LOCUS AX741045 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 19 from Patent WO03027328.
ACCESSION AX741045
VERSION AX741045.1 GI:30523906
KEYWORDS
ORGANISM
SOURCE
REFERENCE
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 19 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
FEATURES
source
Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 8.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGACAGCGGTTTC 2280
Db 1 TTTTAGTAGACAGCGGTTTC 21

RESULT 750
LOCUS AX800313 21 bp DNA linear PAT 13-OCT-2003
DEFINITION Sequence 75 from Patent WO03055995.
ACCESSION AX800313
VERSION AX800313.1 GI:37653550
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Wen,X.Y., Stewart,A.K., Tsui,L.C. and Hegele,R.A.
TITLE Lipase genes and proteins
JOURNAL Patent: WO 03055995-A 75 10-JUL-2003;
Wen, Xiao-Yan (CA); Stewart, A., Keith (CA); Tsui, Lap-Chee (CN);
Hegele, Robert A. (CA)
FEATURES
source
Location/Qualifiers
1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 8.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGACCCG 2372
Db 1 GATTACAGGCATGATCACC 21

RESULT 751
LOCUS BD056581 21 bp DNA linear PAT 27-AUG-2002
DEFINITION Method to diagnose and treat pathological conditions resulting from
deficient ion transport.
ACCESSION BD056581
VERSION BD056581.1 GI:22602187
KEYWORDS JP 2001508291-A/38.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
AUTHORS Lifton,R.P. and Simon,D.B.
TITLE Method to diagnose and treat pathological conditions resulting from
deficient ion transport
JOURNAL Patent: JP 2001508291-A 38 26-JUN-2001;
YALE UNIVERSITY
COMMENT OS Artificial Sequence
PN JP 2001508291-A/38
PD 26-JUN-2001
PF 19-DEC-1997 JP 1998530123
PR 31-DEC-1996 US 08/778052
PI RICHARD P LIFTON,DAVID B SIMON
PC C12N15/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21,PC
C12N5/10,
PC C12P21/02,C12Q1/68,G01N33/53,C12N15/00,C12N5/00 CC Primer
for analysis of human TSC gene
PH Key Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 8.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGCATGAG 2366
Db 1 TGCTGGGTTTACAGCATGAG 21

RESULT 752
LOCUS BD183598 22 bp DNA linear PAT 17-JUN-2003
DEFINITION Method for amplifying DNA.
ACCESSION BD183598
VERSION BD183598.1 GI:31875798
KEYWORDS JP 2002345466-A/50.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
AUTHORS Mineno,J., Asada,K., Kato,I., Tanabe,C., Sasaki,H. and Terada,M.
TITLE Method for amplifying DNA
JOURNAL Patent: JP 2002345466-A 50 03-DEC-2002;
TAKARA BIO INC,THE PRESIDENT OF NATIONAL CANCER CENTER JAPAN, THE
ORGANIZATION FOR PHARMACEUTICAL SAFETY AND RESEARCH
COMMENT OS Artificial Sequence
PN JP 2002345466-A/50
PD 03-DEC-2002
PF 08-MAY-2001 JP 2001137858
PI JUNICHI MINENO,KIYOZO ASADA,IKUNOSHIN KATO,CHIKAKO TANABE,PI
HIROKI SASAKI,
PI MASAAKI TERADA
PC C12N15/09,C12N15/00
CC Description of Artificial Sequence: a sequence of a primer for
amplifying
CC BRCA1 gene
PH Key Location/Qualifiers
1..22
/organism='Artificial Sequence'.
FT source Location/Qualifiers
1..22
/organism='Artificial Sequence'.

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GGATTACGGCATGAGCCAC 2370  
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VERSION AX092605.1 GI:13444662
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE Hayden,M.R., Brooks-Wilson,A.R., Pinstone,S.N. and Clee,S.M.
JOURNAL Compositions and methods for modulating hdl cholesterol and
PATENT: WO 0115676-A 17 08-MAR-2001; triglyceride levels
UNIVERSITY OF BRITISH COLUMBIA (CA) ; Xenon Genetics Inc. (CA)
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Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTGACCT 2316
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Db 1 AGGTTGGTTTGGAACTCTGACCT 24

RESULT 758
AX117707/c
LOCUS AX117707 24 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 2830 from Patent WO0129262.
ACCESSION AX117707
VERSION AX117707.1 GI:14034658
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE Picoult-Newburg,L. and Pohl,M.
AUTHORS Genotyping reagents, kits and methods of use thereof
TITLE Patent: WO 0129262-A 2830 26-APR-2001;
JOURNAL Orchid BioSciences, Inc. (US)
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        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Primer"
Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGTCTGGATTAC 2357
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Db 24 GGACTCTTAAGTGTCTGAATTAC 1

RESULT 759
BD074924
LOCUS BD074924 24 bp DNA linear PAT 27-AUG-2002
DEFINITION Peroxisome-related polypeptide, nucleotide sequence encoding the
polypeptide, and utilization thereof in diagnosis and/or treatment
of lung injury or disease, and diagnosis and/or treatment of
oxidative stress-related disease.
ACCESSION BD074924
VERSION BD074924.1 GI:22620527
KEYWORDS JP 2001514874-A/16.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 24)
AUTHORS unclassified.
Cnupe,B., Erman,C., Bernard,A., Watie,R. and Farumanu,P.

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TITLE Peroxisome-related polypeptide, nucleotide sequence encoding the
polypeptide, and utilization thereof in diagnosis and/or treatment
of lung injury or disease, and diagnosis and/or treatment of
oxidative stress-related disease
JOURNAL Patent: JP 2001514874-A 16 18-SEP-2001;
UNIVERSITE CATHOLIQUE DE LOUVAIN,UNIVERSITE DE MONT ZENO
COMMENT OS Unidentified
PN JP 2001514874-A/16
PD 18-SEP-2001
PF 20-AUG-1998 JP 2000509732
PR 20-AUG-1997 BE 9700692
PI BERNARD CNUPE,CEDRICK ERMAN,ALFRED BERNARD,RUDY WATIE,PAUL PI
FARUMANU
PC C12N15/09,A01K67/027,A61K31/711,A61K38/00,A61K39/395,A61K39/
PC 395,A61K45/00,
PC A61P9/10,A61P11/06,A61P17/04,A61P19/08,A61P19/10,A61P21/00, PC
A61P25/16,
PC A61P25/28,A61P29/00,A61P37/08,C07K14/435,C12N5/10,C12Q1/68, PC
G01N33/53,
PC G01N33/566//C07K16/18,C12N15/00,A61K37/02,C12N5/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Peroxisome-related polypeptide, nucleotide sequence encoding
the
CC polypeptide, and utilization thereof in diagnosis and/or CC
treatment of lung
CC injury or disease, and diagnosis and/or treatment of oxidative
CC stress-related disease
FH Key Location/Qualifiers
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        /db_xref="taxon:32644"
Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 AGAGACAGGGTTTCACCACTTCG 24

RESULT 760
AX692831
LOCUS AX692831 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5563 from Patent EP1281758.
ACCESSION AX692831
VERSION AX692831.1 GI:29415794
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE Shannon,M., Gu,Y. and Nguyen,C.T.
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
PATENT: EP 1281758-A 5563 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
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        /db_xref="taxon:9606"
Query Match 0.8%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 9.2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 2086 TTATTATTTTGTGACGAGT 2109  
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RESULT 761  
 AX692837  
 LOCUS 25 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 5569 from Patent EP1281758.  
 ACCESSION AX692837  
 VERSION AX692837.1 GI:29415800  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE  
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
 JOURNAL Patent: EP 1281758-A 5569 05-FEB-2003;  
 Aeomica, Inc. (US)  
 FEATURES  
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 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2092 TTTTGTGACGAGTCTGTCT 2115  
 DB 2 TTTTGTGACGAGTCTGTCT 25

RESULT 762  
 AX692840  
 LOCUS 25 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 5572 from Patent EP1281758.  
 ACCESSION AX692840  
 VERSION AX692840.1 GI:29415803  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE  
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
 JOURNAL Patent: EP 1281758-A 5572 05-FEB-2003;  
 Aeomica, Inc. (US)  
 FEATURES  
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Query Match 0.8%; Score 19.2; DB 1; Length 25;  
 Best Local Similarity 87.5%; Pred. No. 9.2e+02;  
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2094 TTTTGTGACGAGTCTGTCT 2117  
 DB 1 TTTTGTGACGAGTCTGTCT 24

RESULT 763  
 AX692931  
 LOCUS 25 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 5663 from Patent EP1281758.

AX692931  
 AX692931.1 GI:29415894  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE  
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
 JOURNAL Patent: EP 1281758-A 5663 05-FEB-2003;  
 Aeomica, Inc. (US)  
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Query Match 0.8%; Score 19.2; DB 1; Length 25;  
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 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2186 CATTCCTCCTCAGCCTCCCAA 2209  
 DB 1 CATTCCTCCTCAGCCTCCCGA 24

RESULT 764  
 AX693001  
 LOCUS 25 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 5733 from Patent EP1281758.  
 ACCESSION AX693001  
 VERSION AX693001.1 GI:29415964  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE  
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
 JOURNAL Patent: EP 1281758-A 5733 05-FEB-2003;  
 Aeomica, Inc. (US)  
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Query Match 0.8%; Score 19.2; DB 1; Length 25;  
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QY 2256 GTACTTTTAGTAGACAGGTTT 2279  
 DB 1 GTATTTTAGTAGACAGCGGGTT 24

RESULT 765  
 CO760565/c  
 LOCUS 19 bp DNA linear PAT 03-MAR-2004  
 DEFINITION Sequence 7 from Patent WO2004003229.  
 ACCESSION CO760565  
 VERSION CO760565.1 GI:44904068  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 artificial sequences.  
 REFERENCE  
 AUTHORS Nex,B.R., Vogel,U., Rockenbauer,E. and Bukowy,Z.K.  
 TITLE Disease risk estimating method using sequence polymorphisms in a

specific region of chromosome 19  
 Patent: WO 2004003229-A 7 08-JAN-2004;  
 Aarhus University (DK) ; Arbejdsmilj Institutttet (National  
 Institute of Occupational Health) (DK)  
**FEATURES**  
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 /organism="synthetic construct"  
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 /db\_xref="taxon:32630"  
 /note="Probe"

Query Match 0.8%; Score 19; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;  
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2275 GGTTCACCGGTGTAGCCA 2293  
 Db 19 GGTTCACCGGTGTAGCCA 1  
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RESULT 766  
 LOCUS CQ760691/c  
 DEFINITION Sequence 133 from Patent WO2004003229.  
 ACCESSION CQ760691  
 VERSION CQ760691.1 GI:44904194  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.

REFERENCE 1  
 AUTHORS Nex,B.R., Vogel U., Rockenbauer,B. and Bukowy,Z.K.  
 TITLE Disease risk estimating method using sequence polymorphisms in a  
 specific region of chromosome 19  
 JOURNAL Patent: WO 2004003229-A 133 08-JAN-2004;  
 Aarhus University (DK) ; Arbejdsmilj Institutttet (National  
 Institute of Occupational Health) (DK)  
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QY 2275 GGTTCACCGGTGTAGCCA 2293  
 Db 19 GGTTCACCGGTGTAGCCA 1  
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RESULT 767  
 LOCUS I52002  
 DEFINITION Sequence 10 from patent US 5645995.  
 ACCESSION I52002  
 VERSION I52002.1 GI:2473203  
 KEYWORDS Unknown.  
 SOURCE Unknown.  
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
 AUTHORS Kieback,D.G.  
 TITLE Methods for diagnosing an increased risk for breast or ovarian  
 cancer  
 JOURNAL Patent: US 5645995-A 10 08-JUL-1997;  
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QY 2342 AAAGTCTGGGATTACAGG 2360  
 Db 1 AAAGTCTGGGATTACAGG 19  
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RESULT 768  
 LOCUS I72210  
 DEFINITION Sequence 10 from patent US 5683885.  
 ACCESSION I72210  
 VERSION I72210.1 GI:3008349  
 KEYWORDS Unknown.  
 SOURCE Unknown.  
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
 AUTHORS Kieback,D.G.  
 TITLE Methods for diagnosing an increased risk for breast or ovarian  
 cancer  
 JOURNAL Patent: US 5683885-A 10 04-NOV-1997;  
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Query Match 0.8%; Score 19; DB 1; Length 19;  
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 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGG 2360  
 Db 1 AAAGTCTGGGATTACAGG 19  
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RESULT 769  
 LOCUS AX115894  
 DEFINITION Sequence 1017 from Patent WO0129262.  
 ACCESSION AX115894  
 VERSION AX115894.1 GI:14032836  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.

REFERENCE 1  
 AUTHORS Picoult-Newburg,L. and Pohl,M.  
 TITLE Genotyping reagents, kits and methods of use thereof  
 JOURNAL Patent: WO 0129262-A 1017 26-APR-2001;  
 Orchid BioSciences, Inc. (US)  
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Query Match 0.8%; Score 19; DB 1; Length 19;  
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QY 2346 TGCTGGGATTACAGGCATG 2364  
 Db 1 TGCTGGGATTACAGGCATG 19  
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RESULT 770  
 LOCUS AX116350  
 DEFINITION Sequence 1473 from Patent WO0129262.  
 19 bp DNA  
 linear PAT 11-MAY-2001



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ACCESSION AX116350
VERSION AX116350.1 GI:14033292
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 1473 26-APR-2001;
Orchid BioSciences, Inc. (US)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATG 2364
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Db 1 TGCTGGGATTACAGGCATG 19

RESULT 771
BD089274/c
LOCUS BD089274 19 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089274
VERSION BD089274.1 GI:22634884
KEYWORDS JP 2001321190-A/1518.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 1518 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT
OS Artificial Sequence
PN JP 2001321190-A/1518
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
PC C12N15/00
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FT source
FT 1..19
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Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2337 CTCCTCCAAAGTCTGGGATT 2355
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Db 19 CTCCTCCAAAGTCTGGGATT 1

RESULT 772
AR116725/c
LOCUS AR116725 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 8 from patent US 6133503.
ACCESSION AR116725
VERSION AR116725.1 GI:14097047
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Scheffler,I.E.
TITLE Mammalian artificial chromosomes and methods of using same
JOURNAL Patent: US 6133503-A 8 17-OCT-2000;
Mammalian artificial chromosomes and methods of using same
FEATURES
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/organism="unknown"
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Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2265 GTAGACAGAGGGTTTCACC 2283
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Db 20 GTAGACAGAGGGTTTCACC 2

RESULT 773
189275/c
LOCUS 189275 20 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 8 from patent US 5721118.
ACCESSION 189275
VERSION 189275.1 GI:3409215
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Scheffler,I.E.
TITLE Mammalian artificial chromosomes and methods of using same
JOURNAL Patent: US 5721118-A 8 24-PEB-1998;
Mammalian artificial chromosomes and methods of using same
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2265 GTAGACAGAGGGTTTCACC 2283
| | | | | | | | | | | | | | | | | |
Db 20 GTAGACAGAGGGTTTCACC 2

RESULT 774
AR208407/c
LOCUS AR208407 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 23 from patent US 6383752.
ACCESSION AR208407
VERSION AR208407.1 GI:21509553
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Agrawal,S. and Kandimalla,E.R.
TITLE Pseudo-cyclic oligonucleobases
JOURNAL Patent: US 6383752-A 23 07-MAY-2002;
Pseudo-cyclic oligonucleobases
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;

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FEATURES
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        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Primer"
Query Match      0.8%; Score 19; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 9e+02;
Matches 19; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY      2234 CACACACCTGGCTAATTTT 2254
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          22 CACACACSTGGCTAGTTT 2
          |||||:|||||

RESULT 780
AX060516/c
LOCUS      AX060516          25 bp    DNA    linear    PAT 22-JAN-2001
DEFINITION Sequence 51 from Patent WO0079003.
ACCESSION  AX060516
VERSION     AX060516.1 GI:12405977
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.

REFERENCE   1
AUTHORS     March, R.E. and Thornton, S.M.
TITLE       Polymorphisms in the human hmg-coa reductase gene
JOURNAL     Patent: WO 0079003-A 51 28-DEC-2000;
            AstraZeneca UK Limited (GB)
FEATURES    Location/Qualifiers
             source
               1..25
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="PCR primer"

Query Match      0.8%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2143 TGATCTGGCTCACTGCAA 2161
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          22 TGATCTGGCTCACTGCAA 4
          |||||:|||||

RESULT 781
AX693014
LOCUS      AX693014          25 bp    DNA    linear    PAT 31-MAR-2003
DEFINITION Sequence 5746 from Patent EP1281758.
ACCESSION  AX693014
VERSION     AX693014.1 GI:29415977
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE   1
AUTHORS     Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 5746 05-FEB-2003;
            Aeomica, Inc. (US)
FEATURES    Location/Qualifiers
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               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"

Query Match      0.8%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2274 GGGTTTCACCGTTAGCC 2292
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RESULT 782
AR066909/c
LOCUS      AR066909          22 bp    DNA    linear    PAT 29-SEP-1999
DEFINITION Sequence 257 from patent US 5851760.

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ACCESSION  AR066909
VERSION     AR066909.1 GI:5998131
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unknown.
            Unclassified.
REFERENCE   1 (bases 1 to 22)
AUTHORS     Evans, G.A. and Smith, M.W.
TITLE       Method for generation of sequence sampled maps of complex genomes
JOURNAL     Patent: US 5851760-A 257 22-DEC-1998;
            Location/Qualifiers
FEATURES    source
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               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 9.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2094 TTTTGTGAGACCGAGTCTTGCT 2115
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          22 TTTTGTGAGACAGAGTCTTGCT 1
          |||||:|||||

RESULT 783
AR088425
LOCUS      AR088425          22 bp    DNA    linear    PAT 07-SEP-2000
DEFINITION Sequence 11 from patent US 5989885.
ACCESSION  AR088425
VERSION     AR088425.1 GI:10015188
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unknown.
            Unclassified.
REFERENCE   1 (bases 1 to 22)
AUTHORS     Teng, D.H.-F., Tavtigian, S.V., Perry, W.L. III and Skolnick, M.H.
TITLE       Specific mutations of map kinase 4 (MKK4) in human tumor cell lines
            identify it as a tumor suppressor in various types of cancer
JOURNAL     Patent: US 5989885-A 11 23-NOV-1999;
            Location/Qualifiers
FEATURES    source
               1..22
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 9.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2261 TTTAGTAGAGACAGGGTTTCAC 2282
          |||||:|||||
          1 TTTAGTAGAGATGGGGTTTCAC 22
          |||||:|||||

RESULT 784
AX116074/c
LOCUS      AX116074          22 bp    DNA    linear    PAT 11-MAY-2001
DEFINITION Sequence 1197 from Patent WO0129262.
ACCESSION  AX116074
VERSION     AX116074.1 GI:14033016
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
            synthetic construct
            artificial sequences.
REFERENCE   1
AUTHORS     Picoult-Newburg, L. and Pohl, M.
TITLE       Genotyping reagents, kits and methods of use thereof
JOURNAL     Patent: WO 0129262-A 1197 26-APR-2001;
            Orchard BioSciences, Inc. (US)
FEATURES    Location/Qualifiers
             source
               1..22
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"

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/Note="Primer"
Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 9.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2301 CTCGATCTCCTGACCTCGTGAT 2322
||||| ||||| ||||| ||||| |||||
Db 22 CTCAACTCTGACCTCGTGAT 1

RESULT 785
AX817228
LOCUS      AX817228          22 bp      DNA      linear      PAT 10-DEC-2003
DEFINITION Sequence 40 from Patent WO221138.
ACCESSION  AX817228
VERSION     AX817228.1 GI:39722619
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Schneider,A., Hiemisch,H., Rossner,M., Klugmann,M., Naim,J.,
Eisenhardt,G., Kuner,R., Lanahan,A., Worley,P., Spielvogel,D. and
Scheek,S.
TITLE      The m30 gene family and the utilization thereof
JOURNAL    Patent: WO 0221138-A 40 14-MAR-2002;
Axaron Bioscience AG (DE)
FEATURES   Location/Qualifiers
            source
            1..22
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Beschreibung der kunstlichen Sequenz: Primer fur
PCR-Reaktion zur Amplifikation von M30 des Menschen"

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 9.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2101 AGACGAGCTCTGCTCTGTTAC 2122
||||| ||||| ||||| ||||| |||||
Db 1 AGACAGAGCTCTGCTCTGTTGC 22

RESULT 786
CQ766173
LOCUS      CQ766173          23 bp      DNA      linear      PAT 03-MAR-2004
DEFINITION Sequence 134 from Patent WO2004005547.
ACCESSION  CQ766173
VERSION     CQ766173.1 GI:44908433
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences.
REFERENCE  1
AUTHORS    Weinzierl,R.
TITLE      Method
JOURNAL    Patent: WO 2004005547-A 134 15-JAN-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
FEATURES   Location/Qualifiers
            source
            1..23
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="HS consensus sequence"

Query Match      0.8%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGCGATGAG 2366
||||| ||||| ||||| ||||| |||||

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Db 1 GTGCTGGGATTACAGGCGTGAG 22

RESULT 787
AX183954/c
LOCUS      AX183954          24 bp      DNA      linear      PAT 06-AUG-2001
DEFINITION Sequence 1707 from Patent WO0142511.
ACCESSION  AX183954
VERSION     AX183954.1 GI:15135287
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS    Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE      Ibd-related polymorphisms
JOURNAL    Patent: WO 0142511-A 1707 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipseis
Biotherapeutics Corporation (CA)
FEATURES   Location/Qualifiers
            source
            1..24
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      0.8%; Score 18.8; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCAGGA 2296
||||| ||||| ||||| ||||| |||||
Db 23 GGGTTTCACCAAGTTGCCAGGA 1

RESULT 788
AX042886
LOCUS      AX042886          25 bp      DNA      linear      PAT 23-NOV-2000
DEFINITION Sequence 452 from Patent WO0065088.
ACCESSION  AX042886
VERSION     AX042886.1 GI:11341494
KEYWORDS   .
SOURCE     synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM   1
REFERENCE  1
AUTHORS    Ulfendahl,P.J. and Wong,K.C.
TITLE      Primers for identifying typing or classifying nucleic acids
JOURNAL    Patent: WO 0065088-A 452 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
FEATURES   Location/Qualifiers
            source
            1..25
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="HLA-C Homozygote Primer Sequence"

Query Match      0.8%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 9.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2046 TTTTCTTTCTTAAATATGTAT 2067
||||| ||||| ||||| ||||| |||||
Db 1 TTTTCTTTCTTGAATATGTAT 22

RESULT 789
AX259785
LOCUS      AX259785          25 bp      DNA      linear      PAT 26-OCT-2001
DEFINITION Sequence 12 from Patent WO0172822.
ACCESSION  AX259785
VERSION     AX259785.1 GI:16508859
KEYWORDS   .

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SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Hugot,J.P., Thomas,G., Zouali,M., Lesage,S. and Chamaillard,M.
TITLE      Genes involved in intestinal inflammatory diseases and use thereof
JOURNAL    Fondation Jean Dausset-Ceph (FR)
FEATURES   Location/Qualifiers
            source
            1..25
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      0.8%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 9.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  2341 CAAGTGTCTGGATTACAGGCA 2362
Db  2 CCAACTGCTGGATTACAGGCA 23

RESULT 790
AX692836
LOCUS      AX692836                25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5568 from Patent EP1281758.
ACCESSION  AX692836
VERSION     AX692836.1 GI:29415799
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL    Patent: EP 1281758-A 5568 05-FEB-2003;
            Aeomica, Inc. (US)
FEATURES   Location/Qualifiers
            source
            1..25
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      0.8%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 9.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  2090 TATTTTCTTGAGACCGAGTCT 2111
Db  1 TTTTCTTGAGACCGAGTCT 22

RESULT 791
AX692915
LOCUS      AX692915                25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5647 from Patent EP1281758.
ACCESSION  AX692915
VERSION     AX692915.1 GI:29415878
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL    Patent: EP 1281758-A 5647 05-FEB-2003;
            Aeomica, Inc. (US)

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FEATURES   Location/Qualifiers
            source
            1..25
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      0.8%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 9.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  2173 CCGGGTTGCACCATTCCT 2194
Db  4 CCGGGTTGCACCATTCCT 25

RESULT 792
AX692988
LOCUS      AX692988                25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5720 from Patent EP1281758.
ACCESSION  AX692988
VERSION     AX692988.1 GI:29415951
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL    Patent: EP 1281758-A 5720 05-FEB-2003;
            Aeomica, Inc. (US)
FEATURES   Location/Qualifiers
            source
            1..25
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      0.8%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 9.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy  2246 CTAATTTTGTACTTTTAGTA 2267
Db  4 CTAATTTTGTACTTTTAGTA 25

RESULT 793
AX83584
LOCUS      AX83584                20 bp DNA linear PAT 21-JAN-2000
DEFINITION Sequence 13 from Patent WO9849324.
ACCESSION  AX83584
VERSION     AX83584.1 GI:6732840
KEYWORDS   .
SOURCE     unidentified
            unclassified.
ORGANISM   Matthis,G.
REFERENCE   1 (bases 1 to 20)
AUTHORS    CARBOHYDRATE-DEFICIENT GLYCOPROTEIN SYNDROME TYPE I
TITLE      Patent: WO 9849324-A 13 05-NOV-1998;
JOURNAL    MATTHIJS GERT (BE); GENZYME LTD (GB)
FEATURES   Location/Qualifiers
            source
            1..20
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy  2345 GTGCTGGATTACAGCATG 2364

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Db      1 GTGTTGGGATTACAGGCATG 20
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RESULT 794
LOCUS      A83598
DEFINITION Sequence 27 from Patent WO9849324.
ACCESSION  A83598
VERSION     A83598.1 GI:6732854
KEYWORDS   .
SOURCE      unidentified
ORGANISM    unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Matthijs, G.
TITLE       CARBOHYDRATE-DEFICIENT GLYCOPROTEIN SYNDROME TYPE I
JOURNAL     Patent: WO 9849324-A 27 05-NOV-1998;
MATTHIJS GERT (BE); GENZYME LTD (GB)
FEATURES   Location/Qualifiers
            source
              1..20
              /organism="unidentified"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32644"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGGCATG 2364
|||||
Db      1 GTGTTGGGATTACAGGCATG 20
|||||

RESULT 795
LOCUS      AR043282
DEFINITION Sequence 70 from patent US 5814457.
ACCESSION  AR043282
VERSION     AR043282.1 GI:5964290
KEYWORDS   .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Kern, S.E. and Hahn, S.A.
TITLE       DPC4 polypeptide
JOURNAL     Patent: US 5814457-A 70 29-SEP-1998;
FEATURES   Location/Qualifiers
            source
              1..20
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2338 TCCCAAAGTGTGGGATTAC 2357
|||||
Db      1 TCCCAAAGTGTGGGATTTC 20
|||||

RESULT 796
LOCUS      AR074937
DEFINITION Sequence 70 from patent US 5955292.
ACCESSION  AR074937
VERSION     AR074937.1 GI:10001689
KEYWORDS   .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)

AUTHORS     Kern, S.E. and Hahn, S.A.
TITLE       Tumor suppressor gene, DPC4
JOURNAL     Patent: US 5955292-A 70 21-SEP-1999;
FEATURES   Location/Qualifiers
            source
              1..20
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2338 TCCCAAAGTGTGGGATTAC 2357
|||||
Db      1 TCCCAAAGTGTGGGATTTC 20
|||||

RESULT 797
LOCUS      AR142729
DEFINITION Sequence 12 from patent US 6204000.
ACCESSION  AR142729
VERSION     AR142729.1 GI:15104015
KEYWORDS   .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Dong, J.-T., Barrett, J. Carl., Lamb, P.W. and Isaacs, J.T.
TITLE       Diagnostic methods and gene therapy using reagents derived from the
JOURNAL     human metastasis suppressor gene KAI1
JOURNAL     Patent: US 6204000-A 12 20-MAR-2001;
FEATURES   Location/Qualifiers
            source
              1..20
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2179 TTCCGACCATTCCTCGCCT 2198
|||||
Db      1 TTCCGACCATTCCTCGCCT 20
|||||

RESULT 798
LOCUS      AR154610/c
DEFINITION Sequence 27 from patent US 6238921.
ACCESSION  AR154610
VERSION     AR154610.1 GI:15122663
KEYWORDS   .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia, L.J., Nero, P., Graham, M.J. and Monia, B.P.
TITLE       Antisense oligonucleotide modulation of human mdm2 expression
JOURNAL     Patent: US 6238921-A 27 29-MAY-2001;
FEATURES   Location/Qualifiers
            source
              1..20
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1695 TTTACATGTGCAAGAAGCT 1714
|||||
Db      20 TTTACATGTGTAAGAAGCT 1
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RESULT 799
CQ755665/c
LOCUS       CQ755665             20 bp    DNA
DEFINITION   Sequence 166 from Patent WO2003106674.
ACCESSION   CQ755665
VERSION      CQ755665.1 GI:44846470
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Otte,A.P., Kruckeberg,A.L. and Satijn,D.P.
TITLE        Means and methods for regulating gene expression
JOURNAL      Patent: WO 2003106674-A 166 24-DEC-2003;
              Chromagenics B.V. (NL)
FEATURES     Location/Qualifiers
             source
               1..20
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="oligonucleotide E23"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTCTGACCT 2316
Db      ||||| ||||| ||||| ||||| |||||
        20 TGGTCTAGATCTCTCTGACCT 1

RESULT 800
CQ757868/c
LOCUS       CQ757868             20 bp    DNA
DEFINITION   Sequence 172 from Patent WO2003106684.
ACCESSION   CQ757868
VERSION      CQ757868.1 GI:44847889
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Otte,A.P., Kruckeberg,A.L. and Sewalt,R.G.
TITLE        A method for the simultaneous production of multiple proteins;
              vectors and cells for use therein
JOURNAL      Patent: WO 2003106684-A 172 24-DEC-2003;
              Chromagenics B.V. (NL)
FEATURES     Location/Qualifiers
             source
               1..20
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="oligonucleotide E23"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTCTGACCT 2316
Db      ||||| ||||| ||||| ||||| |||||
        20 TGGTCTAGATCTCTCTGACCT 1

RESULT 801
CQ784081
LOCUS       CQ784081             20 bp    DNA
DEFINITION   Sequence 4221 from Patent EP1396543.
ACCESSION   CQ784081
VERSION      CQ784081.1 GI:45538569
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     synthetic construct

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artificial sequences.
1
REFERENCE    1
AUTHORS      Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
              Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
              Koga,H.
TITLE        Primers for synthesizing full length cDNA clones and their use
JOURNAL      Patent: EP 1396543-A 4221 10-MAR-2004;
              Research Association for Biotechnology (JP)
FEATURES     Location/Qualifiers
             source
               1..20
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="Description of Artificial Sequence: an artificially
               synthesized primer se q uence"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2263 TAGTAGAGACAGGGTTTCAC 2282
Db      ||||| ||||| ||||| ||||| |||||
        1 TAGTAGAGACGGGGTTTCAC 20

RESULT 802
CQ801618
LOCUS       CQ801618             20 bp    DNA
DEFINITION   Sequence 128 from Patent WO2004033723.
ACCESSION   CQ801618
VERSION      CQ801618.1 GI:47058208
KEYWORDS     .
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Mitchell,J. and de Bellerocche,J.
TITLE        Neurodegenerative disease-associated gene
JOURNAL      Patent: WO 2004033723-A 128 22-APR-2004;
              IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
FEATURES     Location/Qualifiers
             source
               1..20
               /organism="Homo sapiens"
               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2276 GTTTCACCGTGTAGCCAGG 2295
Db      ||||| ||||| ||||| ||||| |||||
        1 GTTTCACCGTGTAAACCAGG 20

RESULT 803
CQ819694/c
LOCUS       CQ819694             20 bp    DNA
DEFINITION   Sequence 7 from Patent WO2004046381.
ACCESSION   CQ819694
VERSION      CQ819694.1 GI:48715174
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     synthetic construct
              artificial sequences.
REFERENCE    1
AUTHORS      Ralston,S.
TITLE        Polymorphisms in th clcn7 gene as genetic markers for bone mass
JOURNAL      Patent: WO 2004046381-A 7 03-JUN-2004;
              The University Court of The University of Aberdeen (GB)
FEATURES     Location/Qualifiers
             source
               1..20

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2142 GTGATCTTGGTCTACTGCAA 2161
Db 20 GCGATCTTGGTCTACTGCAA 1

RESULT 804
LOCUS I21054 20 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 25 from patent US 5518880.
ACCESSION I21054
VERSION I21054.1 GI:1601408
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Leonard, W.J., Noguchi, M. and McBride, O. Wesley.
TITLE Methods for diagnosis of XSCID and kits thereof
JOURNAL Patent: US 5518880-A 25 21-MAY-1996;
FEATURES
source
Location/Qualifiers
/mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGCATGAGCCACCG 2372
Db 1 ATTACAGCATGAGCCACCG 20

RESULT 805
LOCUS I31429 20 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 341 from patent US 5582979.
ACCESSION I31429
VERSION I31429.1 GI:1822220
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weber, J.L.
TITLE Length polymorphisms in (dc-da).sub.n.(dg-dt).sub.n sequences and
method of using the same
JOURNAL Patent: US 5582979-A 341 10-DEC-1996;
FEATURES
source
Location/Qualifiers
/mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTACA 2358
Db 1 CCCAAAGTCTGGGATTACA 20

RESULT 806
LOCUS I82133

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LOCUS I82133 20 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 70 from patent US 5712097.
ACCESSION I82133
VERSION I82133.1 GI:3210430
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kern, S.E. and Hahn, S.A.
TITLE Tumor suppressor gene, DPC4
JOURNAL Patent: US 5712097-A 70 27-JAN-1998;
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source
Location/Qualifiers
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Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
Db 1 TCCCAAAGTCTGGGATTTC 20

RESULT 807
LOCUS AR195440 20 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 18 from patent US 6350868.
ACCESSION AR195440
VERSION AR195440.1 GI:20244877
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weston, B.W. and Hiller, K.M.
TITLE Antisense human fucosyltransferase sequences and methods of use
JOURNAL Patent: US 6350868-A 18 26-FEB-2002;
FEATURES
source
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2305 ATCTCCTGACCTGCTGATCC 2324
Db 1 ATCTCCTGACCTGTGATCC 20

RESULT 808
LOCUS AR266075 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 82 from patent US 6492171.
ACCESSION AR266075
VERSION AR266075.1 GI:29694921
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia, B.P., Gaarde, W.A., Freier, S.M. and Wanciewicz, E.
TITLE Antisense modulation of TERT expression
JOURNAL Patent: US 6492171-A 82 10-DEC-2002;
FEATURES
source
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

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Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TCGTGGGATTACAGGCATGA 2365
Db 1 TCGTGGGATTACAGGCCTGA 20

RESULT 809
AX112405
LOCUS AX112405 20 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 53 from Patent WO0127857.
ACCESSION AX112405
VERSION AX112405.1 GI:13939164
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Braun, A., Koester, H., van den Boom, D., Ping, Y., Rodi, C., He, L.,
Chiu, N. and Jurinke, C.
TITLE Methods for generating databases and databases for identifying
polymorphic genetic markers
JOURNAL Patent: WO 0127857-A 53 19-APR-2001;
Sequenom, Inc. (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide Primer"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
Db 1 TCCCAAAGTCTGGGAATTAC 20

RESULT 810
AX360256
LOCUS AX360256 20 bp DNA linear PAT 13-FEB-2002
DEFINITION Sequence 9 from Patent WO0204489.
ACCESSION AX360256
VERSION AX360256.1 GI:18675770
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Braun, A.
TITLE Polymorphic kinase anchor proteins and nucleic acids encoding the
same
JOURNAL Patent: WO 0204489-A 9 17-JAN-2002;
SEQUENOM, INC. (US)
FEATURES
source Location/Qualifiers
1..20
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide Primer"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
Db 1 TCCCAAAGTCTGGGAATTAC 20

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RESULT 811
AX764699/c
LOCUS AX764699 20 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 169 from Patent WO03004704.
ACCESSION AX764699
VERSION AX764699.1 GI:32258907.
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Otte, A.P. and Kruckeberg, A.L.
TITLE Dna sequences comprising gene transcription regulatory qualities
and methods for detecting and using such dna sequences
JOURNAL Patent: WO 03004704-A 169 16-JAN-2003;
Chromagenics B.V. (NL)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide E23"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCCTGACCT 2316
Db 20 TGGTCTAGATCTCCTGACCT 1

RESULT 812
AX938814
LOCUS AX938814 20 bp DNA linear PAT 07-JAN-2004
DEFINITION Sequence 259 from Patent EP1365034.
ACCESSION AX938814
VERSION AX938814.1 GI:40733194
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Wirtz, R., Munes, M. and Kallabis, H.
TITLE Methods and compositions for the prediction, diagnosis, prognosis,
prevention and treatment of malignant neoplasia
JOURNAL Patent: EP 1365034-A 259 26-NOV-2003;
Bayer HealthCare AG (DE)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="D17S1246 forward primer"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 TCGATCTCCTGACCTCGTGA 2321
Db 1 TCGATCTCCTGACCTTGTGA 20

RESULT 813
BD128005
LOCUS BD128005 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Primer for synthesizing full-length cDNA and use thereof.
ACCESSION BD128005
VERSION BD128005.1 GI:23222950
KEYWORDS JP 2002017375-A/3436.

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SOURCE  
ORGANISM  
unidentified  
unclassified.  
REFERENCE  
AUTHORS  
Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,  
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and  
Koga,H.  
TITLE  
JOURNAL  
Primer for synthesizing full-length cDNA and use thereof  
PATENT: JP 2002017375-A 3436 22-JAN-2002;  
COMMENT  
OS Unidentified  
PN JP 2002017375-A/3436  
PD 22-JAN-2002  
PF 07-JUL-2000 JP 2000253172  
PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO  
PI ISHII,  
PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI  
SHINICHI KOJIMA,  
PI TETSUJI OTSUKI,HISASHI KOGA  
PC  
C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC  
10,  
PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC  
Description of Artificial Sequence: an artificially CC  
synthesized primer  
CC sequence  
PH Key  
FT source  
FT source  
Location/Qualifiers  
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Query Match 0.8%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 9.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2263 TAGTAGACAGCGGGTTTCAC 2282  
DB 1 TAGTAGACAGCGGGTTTCAC 20

RESULT 814  
BD138101/c  
LOCUS  
DEFINITION  
Antisense modulation of human MDM2 expression.  
ACCESSION  
BD138101  
VERSION  
BD138101.1 GI:23233046  
KEYWORDS  
JP 2002508944-A/27.  
SOURCE  
unidentified  
ORGANISM  
unclassified.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS  
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
TITLE  
JOURNAL  
Antisense modulation of human MDM2 expression  
PATENT: JP 2002508944-A 27 26-MAR-2002;  
COMMENT  
OS Unidentified  
PN JP 2002508944-A/27  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M  
PC  
C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//  
PC C12Q1/68,  
PC C12N15/00  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Antisense modulation of human MDM2 expression PH Key

unidentified  
unclassified.  
1 (bases 1 to 20)  
Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,  
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and  
Koga,H.  
Primer for synthesizing full-length cDNA and use thereof  
PATENT: JP 2002017375-A 3436 22-JAN-2002;  
OS Unidentified  
PN JP 2002017375-A/3436  
PD 22-JAN-2002  
PF 07-JUL-2000 JP 2000253172  
PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO  
PI ISHII,  
PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI  
SHINICHI KOJIMA,  
PI TETSUJI OTSUKI,HISASHI KOGA  
PC  
C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC  
10,  
PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC  
Description of Artificial Sequence: an artificially CC  
synthesized primer  
CC sequence  
PH Key  
FT source  
FT source  
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/db\_xref='taxon:32644'

Query Match 0.8%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 9.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2263 TAGTAGACAGCGGGTTTCAC 2282  
DB 1 TAGTAGACAGCGGGTTTCAC 20

RESULT 814  
BD138101/c  
LOCUS  
DEFINITION  
Antisense modulation of human MDM2 expression.  
ACCESSION  
BD138101  
VERSION  
BD138101.1 GI:23233046  
KEYWORDS  
JP 2002508944-A/27.  
SOURCE  
unidentified  
ORGANISM  
unclassified.  
REFERENCE  
1 (bases 1 to 20)  
AUTHORS  
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.  
TITLE  
JOURNAL  
Antisense modulation of human MDM2 expression  
PATENT: JP 2002508944-A 27 26-MAR-2002;  
COMMENT  
OS Unidentified  
PN JP 2002508944-A/27  
PD 26-MAR-2002  
PF 26-MAR-1999 JP 2000538025  
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M  
PC  
C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//  
PC C12Q1/68,  
PC C12N15/00  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Antisense modulation of human MDM2 expression PH Key

Location/Qualifiers  
FT source 1. .20  
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Query Match 0.8%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 9.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTACATGTCGAAGAAGCT 1714  
DB 20 TTTACATGTCGAAGAAGCT 1

RESULT 815  
E31628  
LOCUS  
DEFINITION  
Method for distinguishing eucaryotic individual based on PCR finger  
print with the use of restriction primer of inter-SINE sequences  
and primer to be used therein.  
ACCESSION  
E31628  
VERSION  
E31628.1 GI:13018538  
KEYWORDS  
JP 2000023671-A/1.  
SOURCE  
synthetic construct  
ORGANISM  
artificial sequences.  
REFERENCE  
1 (bases 1 to 21)  
AUTHORS  
Ichiro,O., Ichiro,N. and Hiroshi,Y.  
TITLE  
Method for distinguishing eucaryotic individual based on PCR finger  
print with the use of restriction primer of inter-SINE sequences  
and primer to be used therein  
JOURNAL  
Patent: JP 2000023671-A 1 25-JAN-2000;  
COMMENT  
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE  
OS Artificial Sequence  
PN JP 2000023671-A/1  
PD 25-JAN-2000  
PF 10-JUL-1998 JP 1998195692  
PR  
PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE  
PC C12N15/09,C12Q1/68,C12N15/00  
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CC Key  
FH Location/Qualifiers  
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Query Match 0.8%; Score 18.4; DB 1; Length 21;  
Best Local Similarity 95.0%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGCATGAGCCAC 2370  
DB 1 GGATTACAGCGCATGAGCCAC 20

RESULT 816  
E31629  
LOCUS  
DEFINITION  
Method for distinguishing eucaryotic individual based on PCR finger  
print with the use of restriction primer of inter-SINE sequences  
and primer to be used therein.  
ACCESSION  
E31629  
VERSION  
E31629.1 GI:13018539  
KEYWORDS  
JP 2000023671-A/2.  
SOURCE  
synthetic construct

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ORGANISM    synthetic construct
            artificial sequences.
REFERENCE   1 (bases 1 to 21)
AUTHORS    Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE      Method for distinguishing eucaryotic individual based on PCR finger
            print with the use of restriction primer of inter-SINE sequences
JOURNAL    NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT    Patent: JP 2000023671-A 2 25-JAN-2000;
            OS Artificial Sequence
            PN JP 2000023671-A/2
            PD 25-JAN-2000
            PF 10-JUL-1998 JP 1998195692
            PR
            PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
            PC C12N15/09, C12Q1/68, C12N15/00
            CC
            FH Key Location/Qualifiers
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FEATURES    source
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            Location/Qualifiers
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            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGTGGCCAC 2370
DB 1 GGATTACAGCGTGGCCAC 20
RESULT 817
E31630
LOCUS      21 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
            print with the use of restriction primer of inter-SINE sequences
            and primer to be used therein.
ACCESSION E31630.1 GI:13018540
VERSION   JP 2000023671-A/3.
KEYWORDS  synthetic construct
SOURCE    synthetic construct
ORGANISM  artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS   Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE     Method for distinguishing eucaryotic individual based on PCR finger
            print with the use of restriction primer of inter-SINE sequences
            and primer to be used therein
JOURNAL   Patent: JP 2000023671-A 3 25-JAN-2000;
            NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT   OS Artificial Sequence
            PN JP 2000023671-A/3
            PD 25-JAN-2000
            PF 10-JUL-1998 JP 1998195692
            PR
            PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
            PC C12N15/09, C12Q1/68, C12N15/00
            CC
            FH Key Location/Qualifiers
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FEATURES    source
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            Location/Qualifiers
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            /db_xref="taxon:32630"
Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGTGGCCAC 2370
DB 1 GGATTACAGCGTGGCCAC 20
RESULT 817
E31630
LOCUS      21 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
            print with the use of restriction primer of inter-SINE sequences
            and primer to be used therein.
ACCESSION E31630.1 GI:13018540
VERSION   JP 2000023671-A/3.
KEYWORDS  synthetic construct
SOURCE    synthetic construct
ORGANISM  artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS   Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE     Method for distinguishing eucaryotic individual based on PCR finger
            print with the use of restriction primer of inter-SINE sequences
            and primer to be used therein
JOURNAL   Patent: JP 2000023671-A 3 25-JAN-2000;
            NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT   OS Artificial Sequence
            PN JP 2000023671-A/3
            PD 25-JAN-2000
            PF 10-JUL-1998 JP 1998195692
            PR
            PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
            PC C12N15/09, C12Q1/68, C12N15/00
            CC
            FH Key Location/Qualifiers
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            FT : /organism="Artificial Sequence".
FEATURES    source
            1..21
            Location/Qualifiers
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGTGGCCAC 2370
DB 1 GGATTACAGCGTGGCCAC 20

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Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGTGGCCAC 2370
DB 1 GGATTACAGCGTGGCCAC 20
RESULT 818
AX116079
LOCUS      21 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 1202 from Patent WO0129262.
ACCESSION AX116079
VERSION   AX116079.1 GI:14033021
KEYWORDS  synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM  1
            Picoult-Newburg,L. and Pohl,M.
REFERENCE 1
            Genotyping reagents, kits and methods of use thereof
            Patent: WO 0129262-A 1202 26-APR-2001;
            Orchid BioSciences, Inc. (US)
TITLE     Location/Qualifiers
JOURNAL   source
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            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Primer"
FEATURES    source
            1..21
            Location/Qualifiers
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Primer"
Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2187 ATTCTCTGCTCAGCTCC 2206
DB 2 ATTCTCTGCTCAGCTCC 21
RESULT 819
AX146124
LOCUS      21 bp DNA linear PAT 31-MAY-2001
DEFINITION Sequence 315 from Patent WO0134840.
ACCESSION AX146124
VERSION   AX146124.1 GI:14284642
KEYWORDS  Homo sapiens (human)
SOURCE    Homo sapiens
ORGANISM  Homo sapiens
REFERENCE 1
            Au,K.G., Chen,J.G., Patil,N. and Thomas,D.
            Genetic compositions and methods
            Patent: WO 0134840-A 315 17-MAY-2001;
            GLAXO GROUP LIMITED (GB) ; Affymetrix, Inc. (US)
TITLE     Location/Qualifiers
JOURNAL   source
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            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
            /note="n' represents a polymorphic base"
FEATURES    variation
            1..21
            /note="n' represents a polymorphic base"
Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2319 TGATCGCCACCTCGGCTC 2339
DB 1 TGATCGCCACCTCGGCTC 21
RESULT 820
E31631

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LOCUS E31631 22 bp DNA linear PAT 18-JUN-2001  
 DEFINITION Method for distinguishing eucaryotic individual based on PCR finger  
 and primer with the use of restriction primer of inter-SINE sequences  
 and primer to be used therein.

ACCESSION E31631.1 GI:13018541

VERSION E31631.1 JP 2000023671-A/4.

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

1 (bases 1 to 22)

REFERENCE Ichiro,O., Ichiro,N. and Hiroshi,Y.

AUTHORS Method for distinguishing eucaryotic individual based on PCR finger

TITLE print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

Patent: JP 2000023671-A 4 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/4

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

Key Location/Qualifiers

FT source 1..22

Location/Qualifiers

1..22

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.8%; Score 18.4; DB 1; Length 22;

Best Local Similarity 95.0%; Pred. No. 9.5e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGCATGAGCCAC 2370

Db 1 GGATTACAGCGCATGAGCCAC 20

RESULT 821

E31632

LOCUS E31632 22 bp DNA linear PAT 18-JUN-2001

DEFINITION Method for distinguishing eucaryotic individual based on PCR finger

and primer with the use of restriction primer of inter-SINE sequences

and primer to be used therein.

E31632

ACCESSION E31632.1 GI:13018542

VERSION E31632.1 JP 2000023671-A/5.

KEYWORDS synthetic construct

SOURCE synthetic construct

artificial sequences.

1 (bases 1 to 22)

REFERENCE Ichiro,O., Ichiro,N. and Hiroshi,Y.

AUTHORS Method for distinguishing eucaryotic individual based on PCR finger

TITLE print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

Patent: JP 2000023671-A 5 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/5

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

Key Location/Qualifiers

FT source 1..22

/organism="Artificial Sequence".

Query Match 0.8%; Score 18.4; DB 1; Length 22;

Best Local Similarity 95.0%; Pred. No. 9.5e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGCATGAGCCAC 2370

Db 1 GGATTACAGCGCATGAGCCAC 20

RESULT 821

E31632

LOCUS E31632 22 bp DNA linear PAT 18-JUN-2001

DEFINITION Method for distinguishing eucaryotic individual based on PCR finger

and primer with the use of restriction primer of inter-SINE sequences

and primer to be used therein.

FEATURES

source

Location/Qualifiers

1..22

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.8%; Score 18.4; DB 1; Length 22;

Best Local Similarity 95.0%; Pred. No. 9.5e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGCATGAGCCAC 2370

Db 1 GGATTACAGCGCATGAGCCAC 20

RESULT 822

E31633

LOCUS E31633 22 bp DNA linear PAT 18-JUN-2001

DEFINITION Method for distinguishing eucaryotic individual based on PCR finger

and primer with the use of restriction primer of inter-SINE sequences

and primer to be used therein.

E31633

ACCESSION E31633.1 GI:13018543

VERSION E31633.1 JP 2000023671-A/6.

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

1 (bases 1 to 22)

REFERENCE Ichiro,O., Ichiro,N. and Hiroshi,Y.

AUTHORS Method for distinguishing eucaryotic individual based on PCR finger

TITLE print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

Patent: JP 2000023671-A 6 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/6

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

Key Location/Qualifiers

FT source 1..22

/organism="Artificial Sequence".

Query Match 0.8%; Score 18.4; DB 1; Length 22;

Best Local Similarity 95.0%; Pred. No. 9.5e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGCATGAGCCAC 2370

Db 1 GGATTACAGCGCATGAGCCAC 20

RESULT 823

E31634

LOCUS E31634 22 bp DNA linear PAT 18-JUN-2001

DEFINITION Method for distinguishing eucaryotic individual based on PCR finger

and primer with the use of restriction primer of inter-SINE sequences

and primer to be used therein.

E31634

ACCESSION E31634.1 GI:13018544

VERSION E31634.1 JP 2000023671-A/7.

KEYWORDS synthetic construct

SOURCE synthetic construct

artificial sequences.

1 (bases 1 to 22)

REFERENCE

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AUTHORS      Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE        Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein
JOURNAL      Patent: JP 2000023671-A 7 25-JAN-2000;
              NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT      OS Artificial Sequence
              PN JP 2000023671-A/7
              PD 25-JAN-2000
              PF 10-JUL-1998 JP 1998195692
              PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
              PC C12N15/09, C12Q1/68, C12N15/00
              CC
              FH Key Location/Qualifiers
              FT source 1..22
              FT Location/Qualifiers
              FT 1..22 /organism='Artificial Sequence'.

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    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match      0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGTGAGCCAC 2370
Db 1 GGATTACAGCGTGAGCCAC 20

RESULT 824
E31635
LOCUS
DEFINITION    E31635 22 bp DNA linear PAT 18-JUN-2001
              Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein.
ACCESSION     E31635
VERSION       E31635.1 GI:13018545
KEYWORDS      JP 2000023671-A/8.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 22)
AUTHORS       Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE        Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein
JOURNAL      Patent: JP 2000023671-A 8 25-JAN-2000;
              NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT      OS Artificial Sequence
              PN JP 2000023671-A/8
              PD 25-JAN-2000
              PF 10-JUL-1998 JP 1998195692
              PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
              PC C12N15/09, C12Q1/68, C12N15/00
              CC
              FH Key Location/Qualifiers
              FT source 1..22
              FT Location/Qualifiers
              FT 1..22 /organism='Artificial Sequence'.

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    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match      0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGTGAGCCAC 2370

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Db 1 GGATTACAGCGTGAGCCAC 20

RESULT 825
E31636
LOCUS
DEFINITION    E31636 22 bp DNA linear PAT 18-JUN-2001
              Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein.
ACCESSION     E31636
VERSION       E31636.1 GI:13018546
KEYWORDS      JP 2000023671-A/9.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 22)
AUTHORS       Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE        Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein
JOURNAL      Patent: JP 2000023671-A 9 25-JAN-2000;
              NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT      OS Artificial Sequence
              PN JP 2000023671-A/9
              PD 25-JAN-2000
              PF 10-JUL-1998 JP 1998195692
              PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
              PC C12N15/09, C12Q1/68, C12N15/00
              CC
              FH Key Location/Qualifiers
              FT source 1..22
              FT Location/Qualifiers
              FT 1..22 /organism='Artificial Sequence'.

FEATURES
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    /organism="synthetic construct"
    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match      0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGTGAGCCAC 2370
Db 1 GGATTACAGCGTGAGCCAC 20

RESULT 826
E31637
LOCUS
DEFINITION    E31637 22 bp DNA linear PAT 18-JUN-2001
              Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein.
ACCESSION     E31637
VERSION       E31637.1 GI:13018547
KEYWORDS      JP 2000023671-A/10.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 22)
AUTHORS       Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE        Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein
JOURNAL      Patent: JP 2000023671-A 10 25-JAN-2000;
              NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT      OS Artificial Sequence
              PN JP 2000023671-A/10
              PD 25-JAN-2000
              PF 10-JUL-1998 JP 1998195692
              PR

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PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..22
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FT /organism='Artificial Sequence'.
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            /mol_type="genomic DNA"
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Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCAC 2370
DB 1 GGATTACAGGCATGAGCCAC 20

RESULT 827
E31638
LOCUS
DEFINITION
    Method for distinguishing eucaryotic individual based on PCR finger
    print with the use of restriction primer of inter-SINE sequences
    and primer to be used therein.
E31638
ACCESSION
VERSION E31638.1 GI:13018548
KEYWORDS JP 2000023671-A/11.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
    1 (bases 1 to 22)
AUTHORS Ichiho, O., Ichiho, N. and Hiroshi, Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
    print with the use of restriction primer of inter-SINE sequences
    and primer to be used therein
JOURNAL Patent: JP 2000023671-A 11 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/11
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR
PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..22
FT Location/Qualifiers
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            /db_xref="taxon:32630"
Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCAC 2370
DB 1 GGATTACAGGCATGAGCCAC 20

RESULT 828
E31639
LOCUS
DEFINITION
    Method for distinguishing eucaryotic individual based on PCR finger
    print with the use of restriction primer of inter-SINE sequences
    and primer to be used therein.
E31639
ACCESSION

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VERSION E31639.1 GI:13018549
KEYWORDS JP 2000023671-A/12.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
    1 (bases 1 to 22)
AUTHORS Ichiho, O., Ichiho, N. and Hiroshi, Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
    print with the use of restriction primer of inter-SINE sequences
    and primer to be used therein
JOURNAL Patent: JP 2000023671-A 12 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/12
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR
PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..22
FT Location/Qualifiers
FT /organism='Artificial Sequence'.
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            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCAC 2370
DB 1 GGATTACAGGCATGAGCCAC 20

RESULT 829
E31639
LOCUS
DEFINITION
    Sequence 49 from Patent WO2072882.
ACCESSION E31639.1 GI:28404453
VERSION
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
    Cullen, P. and Seedorf, U.
AUTHORS Coronary chip
TITLE Patent: WO 02072882-A 49 19-SEP-2002;
JOURNAL OGHAM GmbH (DE)
FEATURES
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            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
Query Match 0.8%; Score 18.4; DB 1; Length 23;
Best Local Similarity 95.0%; Pred. No. 9.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2185 CCATTCTCCTGCTCAGCCT 2204
DB 21 CGATTCTCCTGCTCAGCCT 2

RESULT 830
E31639
LOCUS
DEFINITION
    Sequence 80 from patent US 6238863.

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ACCESSION ARL54030  
VERSION ARL54030.1 GI:15122083  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Schumm,J.W. and Bacher,J.W.  
TITLE Materials and methods for indentifying and analyzing intermediate tandem repeat DNA markers  
JOURNAL Patent: US 6238863-A 80 29-MAY-2001;  
FEATURES Location/Qualifiers  
source  
1..24  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.8%; Score 18.4; DB 1; Length 24;  
Best Local Similarity 95.0%; Pred. No. 9.7e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 2187 ATTCTCTGCTCAGCTCC 2206  
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Db 22 ATTCTCTGCTCAGCTCC 3  
RESULT 831  
BD130136/c  
LOCUS BD130136 24 bp DNA linear PAT 18-SEP-2002  
DEFINITION Material and method for specifying and analyzing medium-size tandem repeat DNA marker.  
ACCESSION BD130136  
VERSION BD130136.1 GI:23225081  
KEYWORDS JP 2002502606-A/80.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 24)  
AUTHORS Schumm,J.W. and Bacher,J.W.  
TITLE Material and method for specifying and analyzing medium-size tandem repeat DNA marker  
JOURNAL Patent: JP 2002502606-A 80 29-JAN-2002;  
COMMENT PROMEGA CORP  
OS Unidentified  
PN JP 2002502606-A/80  
PD 29-JAN-2002  
PF 04-FEB-1999 JP 2000530608  
PR 04-FEB-1998 US 09/018584  
PI JAMES W SCHUMM,JEFFREY W BACHER  
PC C12N15/09,C12Q1/68,C12N15/00  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Material and method for specifying and analyzing medium-size tandem repeat  
CC DNA marker  
CC Key Location/Qualifiers  
FH source  
FT 1..24  
FT /organism='Unidentified'.  
FEATURES Location/Qualifiers  
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Query Match 0.8%; Score 18.4; DB 1; Length 24;  
Best Local Similarity 95.0%; Pred. No. 9.7e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 2187 ATTCTCTGCTCAGCTCC 2206  
|||||  
Db 22 ATTCTCTGCTCAGCTCC 3  
RESULT 832

AR074596  
LOCUS AR074596 19 bp DNA linear PAT 28-AUG-2000  
DEFINITION Sequence 13 from patent US 5955265.  
ACCESSION AR074596  
VERSION AR074596.1 GI:10001349  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Brook,J.David., Housman,D.E., Shaw,D.J., Harley,H.G. and Johnson,K.J.  
TITLE DNA sequence encoding the myotonic dystrophy gene and uses thereof  
JOURNAL Patent: US 5955265-A 13 21-SEP-1999;  
FEATURES Location/Qualifiers  
source  
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Query Match 0.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 9.3e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;  
Qy 2351 GGATTACAGCGATGAGCCA 2369  
|||||  
Db 1 GGATTACAGGYRTGAGCCA 19  
RESULT 833  
AR083935  
LOCUS AR083935 19 bp DNA linear PAT 01-SEP-2000  
DEFINITION Sequence 13 from patent US 5977333.  
ACCESSION AR083935  
VERSION AR083935.1 GI:10010706  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Brook,J.David., Housman,D.E., Shaw,D.J., Harley,H.G. and Johnson,K.J.  
TITLE DNA sequence encoding the myotonic dystrophy gene and uses thereof  
JOURNAL Patent: US 5977333-A 13 02-NOV-1999;  
FEATURES Location/Qualifiers  
source  
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/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 9.3e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;  
Qy 2351 GGATTACAGCGATGAGCCA 2369  
|||||  
Db 1 GGATTACAGGYRTGAGCCA 19  
RESULT 834  
123815  
LOCUS 123815 19 bp DNA linear PAT 07-OCT-1996  
DEFINITION Sequence 1 from patent US 5538869.  
ACCESSION 123815  
VERSION 123815.1 GI:1603685  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Siciliano,M.J. and Liu,P.  
TITLE In-situ hybridization probes for identification and banding of specific human chromosomes and regions  
JOURNAL Patent: US 5538869-A 1 23-JUL-1996;  
FEATURES Location/Qualifiers

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source
1. .19
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/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
|||||:|||||
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 835
LOCUS
DEFINITION Sequence 1 from patent US 5578493.
ACCESSION I29969
VERSION I29969.1 GI:1820760
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS 1 (bases 1 to 19)
TITLE Gilliam,T Conrad and Tanzi,R.E.
JOURNAL Wilson's disease gene
PATENT: US 5578493-A 1 26-NOV-1996;
FEATURES
Location/Qualifiers
1. .19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 19;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
|||||:|||||
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 836
AX033909
LOCUS
DEFINITION Sequence 1 from Patent WO9851790.
ACCESSION AX033909
VERSION AX033909.1 GI:10280477
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE
AUTHORS 1
Cancilla,M.R., Choo,K.H. and Du,S.D.
TITLE A novel nucleic acid molecule
JOURNAL Patent: WO 9851790-A 1 19-NOV-1998;
CANCILLA MICHAEL ROBERT (AU); CHOO KONG HONG ANDY (AU); SART
DESIREE DU (AU); ANRAD OPERATIONS PTY LTD (AU)
FEATURES
Location/Qualifiers
1. .19
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Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 19;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
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Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 837

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A64524/c
LOCUS
DEFINITION Sequence 16 from Patent WO9726331.
ACCESSION A64524
VERSION A64524.1 GI:3717923
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE
AUTHORS 1
TITLE Korneluk,R.G., Mackenzie,A.E., Roy,N., Robertson,G. and Tamai,K.
JOURNAL USE OF NEURONAL APOPTOSIS INHIBITOR PROTEIN (NAIP)
COMMENT UNIV OTTAWA (CA)
Other Publication AU 1614997 19970811.
FEATURES
Location/Qualifiers
1. .23
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 23;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2227 CATCTGCCACACACCTGGCTAA 2249
|||||:|||||
Db 23 CATGTGCCACACATCTGGCTAA 1

RESULT 838
CQ766176
LOCUS
DEFINITION Sequence 137 from Patent WO2004005547.
ACCESSION CQ766176
VERSION CQ766176.1 GI:44908436
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1
Weinzierl,R.
TITLE Method
JOURNAL Patent: WO 2004005547-A 137 15-JAN-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
FEATURES
Location/Qualifiers
1. .23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="HS consensus sequence"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 23;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2345 GTCTCGGATTACAGGCATGAGC 2367
|||||:|||||
Db 1 GTCTGGGATCACAGGTGTGAGC 23

RESULT 839
AR222091/c
LOCUS
DEFINITION Sequence 16 from patent US 6429011.
ACCESSION AR222091
VERSION AR222091.1 GI:23329461
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS 1 (bases 1 to 23)
Mackenzie,A.E., Korneluk,R.G., Roy,N., Mahadevan,M.S., McLean,M.

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QY	2322	TTCGGCCACCTCGGCCTCCCAAG	2345
Db	24	TCTGCTTGTCTGCTGCCCTCCCAAG	1
RESULT 842			
AX961638/c			
LOCUS	AX961638	24 bp	DNA linear PAT 14-JAN-2004
DEFINITION	Sequence 33 from Patent WO03101375.		
ACCESSION	AX961638		
VERSION	AX961638.1	GI:40881096	
KEYWORDS	synthetic construct		
SOURCE	synthetic construct		
ORGANISM	artificial sequences.		
REFERENCE	1		
AUTHORS	Lopez,R.A.		
TITLE	Immunostimulatory oligonucleotides and uses thereof		
JOURNAL	Patent: WO 03101375-A 33 11-DEC-2003;		
IMMUNOTECH S.A. (AR)			
FEATURES	Location/Qualifiers		
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	/db_xref="taxon:32630"		
	/note="Immunostimulatory oligonucleotide"		
Query Match	0.8%; Score 18.2; DB 1; Length 24;		
Best Local Similarity	87.0%; Pred.No. 9.9e+02;		
Matches	20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;		
QY	495	ATGACTAAACGATTATATGATGA	517
Db	23	ATGACTAAATGACTAATGATGA	1
RESULT 843			
BD130152/c			
LOCUS	BD130152	24 bp	DNA linear PAT 18-SEP-2002
DEFINITION	Material and method for specifying and analyzing medium-size tandem repeat DNA marker.		
ACCESSION	BD130152		
VERSION	BD130152.1	GI:23225097	
KEYWORDS	JP 2002502606-A/96.		
SOURCE	unidentified		
ORGANISM	unidentified		
REFERENCE	1 (bases 1 to 24)		
AUTHORS	Schumm,J.W. and Bacher,J.W.		
TITLE	Material and method for specifying and analyzing medium-size tandem repeat DNA marker		
JOURNAL	Patent: JP 2002502606-A 96 29-JAN-2002;		
COMMENT	PROMEGA CORP		
	OS Unidentified		
	PN JP 2002502606-A/96		
	PD 29-JAN-2002		
	PF 04-FEB-1999 JP 2000530608		
	PR 04-FEB-1998 US 09/018584		
	PI JAMES W SCHUMM,JEFFREY W BACHER		
	PC C12N15/09,C12Q1/68,C12N15/00		
	CC Strandedness: Single;		
	CC Topology: Linear;		
	CC Material and method for specifying and analyzing medium-size tandem repeat		
	CC DNA marker		
	FH Key		
	FT source		
	1..24		
	/organism='Unidentified'.		
FEATURES	Location/Qualifiers		
source	1..24		
	/organism="unidentified"		
	/mol_type="genomic DNA"		

/db\_xref="taxon:32644"

Query Match 0.8%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 9.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCACT 2139  
Db 23 TATACCCAGGCTGGAGTGCAAT 1

RESULT 844  
AR094528/c  
LOCUS AR094528 18 bp DNA linear PAT 08-SEP-2000  
DEFINITION Sequence 30 from patent US 6001652.  
ACCESSION AR094528  
VERSION AR094528.1 GI:10021535  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Monia,B.P., Baker,B.F. and Cowsett,L.M.  
TITLE Antisense modulation of CREL expression  
JOURNAL Patent: US 6001652-A 30 14-DEC-1999;  
FEATURES Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

/db\_xref="taxon:32644"

QY 2341 CAAAGTGTGGGATTACA 2358  
Db 18 CAAAGTGTGGGATTACA 1

RESULT 845  
AR140525  
LOCUS AR140525 18 bp DNA linear PAT 16-JUN-2001  
DEFINITION Sequence 9 from patent US 6207801.  
ACCESSION AR140525  
VERSION AR140525.1 GI:14483021  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Alnemri,E.S.  
TITLE FADD-like anti-apoptotic molecules, methods of using the same, and compositions for and methods of making the same  
JOURNAL Patent: US 6207801-A 9 27-MAR-2001;  
FEATURES Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

/db\_xref="taxon:32644"

QY 2334 GGCTCCCAAGTGCTGG 2351  
Db 1 GGCTCCCAAGTGCTGG 18

RESULT 846  
AR343036  
LOCUS AR343036 18 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 9 from patent US 6576751.  
ACCESSION AR343036

VERSION AR343036.1 GI:33738354  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Alnemri,E.S.  
TITLE FADD-like anti-apoptotic molecules, methods of using the same, and compositions for and methods of making the same  
JOURNAL Patent: US 6576751-A 9 10-JUN-2003;  
FEATURES Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTGCTGG 2351  
Db 1 GGCTCCCAAGTGCTGG 18

RESULT 847  
AR392161/c  
LOCUS AR392161 18 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 2 from patent US 6613750.  
ACCESSION AR392161  
VERSION AR392161.1 GI:40116138  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Depinho,R.A.  
TITLE Method of inhibiting cell proliferation using an anti-oncogene  
JOURNAL Protein  
FEATURES Patent: US 6613750-A 2 02-SEP-2003;  
source 1..18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 9.3e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CAGATGTGGGCCCTTCG 1288  
Db 18 CAGATGTGGGCCCTTCG 1

RESULT 848  
BD093444  
LOCUS BD093444 18 bp DNA linear PAT 27-AUG-2002  
DEFINITION FADD-like anti-apoptotic molecules, methods of using the same, and compositions for and methods of making the same.  
ACCESSION BD093444  
VERSION BD093444.1 GI:22639032  
KEYWORDS JP 2001527419-A/6.  
SOURCE synthetic construct  
ORGANISM artificial construct  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Alnemri,E.S.  
TITLE FADD-like anti-apoptotic molecules, methods of using the same, and compositions for and methods of making the same  
JOURNAL Patent: JP 2001527419-A 6 25-DEC-2001;  
COMMENT THOMAS JEFFERSON UNIVERSITY  
PN JP 2001527419-A/6  
PD 25-DEC-2001  
PP 20-MAY-1998 JP 1998550515

Matches	18; Conservative	0; Mismatches	0; Indels	0; Gaps	0;
QY	2124	CAGGCTGGAGTGCAGTGG	2141		
Db	19	CAGGCTGGAGTGCAGTGG	2		
RESULT 851					
LOCUS	AX133851				
DEFINITION	Sequence 37 from Patent WO0119856.				
ACCESSION	AX133851				
VERSION	AX133851.1	GI:14139803			
KEYWORDS	synthetic construct				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1				
AUTHORS	Shinkets,R.A., Fernandes,E., Herrmann,J.L., Liu,X., Yang,M. and Boldog,F.L.				
TITLE	Secreted human proteins, polynucleotides encoding them and methods of using the same				
JOURNAL	Patent: WO 0119856-A 37 22-MAR-2001;				
FEATURES	Curagen Corporation (US)				
source	Location/Qualifiers				
	1..19				
	/organism="synthetic construct"				
	/mol_type="unassigned DNA"				
	/db_xref="taxon:32630"				
	/note="Agi121 forward primer"				
Query Match	0.8%;	Score 18;	DB 1;	Length 19;	
Best Local Similarity	100.0%;	Pred. No. 9.4e+02;			
Matches	18; Conservative	0; Mismatches	0; Indels	0; Gaps	0;
QY	2123	CCAGGCTGGAGTGCAGTG	2140		
Db	2	CCAGGCTGGAGTGCAGTG	19		
RESULT 852					
LOCUS	AX411998/c				
DEFINITION	Sequence 98 from Patent WO0226968.				
ACCESSION	AX411998				
VERSION	AX411998.1	GI:21444463			
KEYWORDS	synthetic construct				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1				
AUTHORS	Korneluk,R.G., Lacasse,E., Baird,S., Holcik,M. and Young,S.				
TITLE	Antisense iap nucleic acids and uses thereof				
JOURNAL	Patent: WO 0226968-A 98 04-APR-2002;				
	University of Ottawa (CA); Aegera Therapeutics Inc. (CA)				
FEATURES	Location/Qualifiers				
source	1..19				
	/organism="synthetic construct"				
	/mol_type="unassigned DNA"				
	/db_xref="taxon:32630"				
	/note="based on Homo sapiens"				
Query Match	0.8%;	Score 18;	DB 1;	Length 19;	
Best Local Similarity	100.0%;	Pred. No. 9.4e+02;			
Matches	18; Conservative	0; Mismatches	0; Indels	0; Gaps	0;
QY	2189	TCTCTGCTCAGCTCC	2206		
Db	19	TCTCTGCTCAGCTCC	2		
RESULT 853					
LOCUS	BD143839				

**LOCUS** BD143839 19 bp DNA linear PAT 17-JAN-2003  
**DEFINITION** Method of examining allergic disease.  
**ACCESSION** BD143839  
**VERSION** BD143839.1 GI:27849597  
**KEYWORDS** JP 2002095500-A/7.  
**SOURCE** synthetic construct  
**ORGANISM** artificial sequences.  
**REFERENCE** 1 (bases 1 to 19)  
**AUTHORS** Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Negasu,T. and Tsujimoto,K.  
**TITLE** Method of examining allergic disease  
**JOURNAL** Patent: JP 2002095500-A 7 02-APR-2002;  
**COMMENT** GENOX RESEARCH INC.THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL  
**OS** Artificial Sequence  
**PN** JP 2002095500-A/7  
**PD** 02-APR-2002  
**PI** 25-SEP-2000 JP 2000291316  
**PI** YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, PI  
**PI** TAKESHI NAGASU,  
**PI** KOZO TSUJIMOTO  
**PC** C12Q1/68,A01K67/027,A61K31/7088,A61K31/711,A61K45/00,A61P37/08, PC  
**PC** C07K14/47,  
**PC** C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10 PC  
**PC** C12N15/09,C12P21/02,  
**PC** C12Q1/02,G01N33/15,G01N33/50/C12P21/08,C12N5/00,C12N5/00, PC  
**C12N15/00**  
**CC** Description of Artificial Sequence:an artificially synthesized  
**CC** primer  
**CC** sequence  
**FH** key Location/Qualifiers  
**FT** source 1..19  
**FT** /organism='Artificial Sequence'.  
**FEATURES**  
**source**  
1..19  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
Query Match 0.8%; Score 18; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
**QY** 2354 TTACAGGCATGAGCCACC 2371  
|||||  
**Db** 1 TTACAGGCATGAGCCACC 18  
**RESULT 854**  
**AB069490**  
**LOCUS** AB069490 19 bp DNA linear SYN 21-MAY-2003  
**DEFINITION** Synthetic construct DNA, forward primer for human STS sts-A009X34 at lp36.  
**ACCESSION** AB069490  
**VERSION** AB069490.1 GI:15130294  
**KEYWORDS** synthetic construct  
**SOURCE** synthetic construct  
**ORGANISM** artificial sequences.  
**REFERENCE** 1  
**AUTHORS** Chen,Y.Z., Hayaashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A. and Soeda,E.  
**TITLE** A BAC-based STS-content map spanning a 35-Mb region of human  
**JOURNAL** Chromosome 1p35-p36  
**MEDLINE** Genomics 74 (1), 55-70 (2001)  
**PUBMED** 11269192  
**REFERENCE** 11374902  
**2** (bases 1 to 19)  
**AUTHORS** Horii,A.

**TITLE** Direct Submission  
**JOURNAL** Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)  
**FEATURES**  
**source**  
1..19  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
**misc\_feature**  
1..19  
/note="forward primer for human STS sts-A009X34 at lp36 sts-A009X34 obtained from clones B61B17, B86A23, B268112, B316H11, B26P17, Human BAC library RPCI-11"  
Query Match 0.8%; Score 18; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 9.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
**QY** 2188 TTCTCCTGCTCAGCCTC 2205  
|||||  
**Db** 2 TTCTCCTGCTCAGCCTC 19  
**RESULT 855**  
**CQ758933/c**  
**LOCUS** CQ758933 20 bp DNA linear PAT 01-MAR-2004  
**DEFINITION** Sequence 57 from Patent WO2003104489.  
**ACCESSION** CQ758933  
**VERSION** CQ758933.1 GI:44848937  
**KEYWORDS** synthetic construct  
**SOURCE** synthetic construct  
**ORGANISM** artificial sequences.  
**REFERENCE** 1  
**AUTHORS** Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and Reichwald,K.  
**TITLE** Mchrl variant associated with human obesity  
**JOURNAL** Patent: WO 2003104489-A 57 18-DEC-2003;  
**Philipp-Universitaet Marburg (DE)**  
**FEATURES**  
**source**  
1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer ABr"  
Query Match 0.8%; Score 18; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 9.6e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
**QY** 2275 GGTTCACCGTGTAGCC 2292  
|||||  
**Db** 18 GGTTCACCGTGTAGCC 1  
**RESULT 856**  
**AR232228/c**  
**LOCUS** AR232228 20 bp DNA linear PAT 20-DEC-2002  
**DEFINITION** Sequence 18 from patent US 6455307.  
**ACCESSION** AR232228  
**VERSION** AR232228.1 GI:27274220  
**KEYWORDS** Unknown.  
**SOURCE** Unknown.  
**ORGANISM** Unclassified.  
**REFERENCE** 1 (bases 1 to 20)  
**AUTHORS** McKay,R., Freter,S.M. and Wyatt,J.  
**TITLE** Antisense modulation of casein kinase 2-alpha prime expression  
**JOURNAL** Patent: US 6455307-A 18 24-SEP-2002;  
**FEATURES**  
**source**  
1..20  
/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.8%; Score 18; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGCTGGAGTGCAGTGG 2141  
 Db 20 CAGCTGGAGTGCAGTGG 3

RESULT 857  
 AR337079/c

LOCUS AR337079 20 bp DNA linear PAT 17-AUG-2003  
 DEFINITION Sequence 4 from patent US 6566135.  
 ACCESSION AR337079  
 VERSION AR337079.1 GI:33722933  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
 AUTHORS Watt,A.T.  
 TITLE Antisense modulation of caspase 6 expression  
 JOURNAL Patent: US 6566135-A 4 20-MAY-2003;  
 FEATURES Location/Qualifiers  
 source 1..20  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.8%; Score 18; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2187 ATTCTCCTGCCTCAGCCT 2204  
 Db 18 ATTCTCCTGCCTCAGCCT 1

RESULT 858  
 AR146837

LOCUS AR146837 22 bp DNA linear PAT 08-AUG-2001  
 DEFINITION Sequence 87 from patent US 6218529.  
 ACCESSION AR146837  
 VERSION AR146837.1 GI:15110026  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 22)  
 AUTHORS An,G., O'Hara,S.Mark., Ralph,D. and Veltri,R.  
 TITLE Biomarkers and targets for diagnosis, prognosis and management of prostate, breast and bladder cancer  
 JOURNAL Patent: US 6218529-A 87 17-APR-2001;  
 FEATURES Location/Qualifiers  
 source 1..22  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.8%; Score 18; DB 1; Length 22;  
 Best Local Similarity 100.0%; Pred. No. 9.9e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTGTGGCA 2353  
 Db 5 CCTCCCAAGTGTGGCA 22

RESULT 859  
 BD085495/c

LOCUS BD085495 22 bp DNA linear PAT 27-AUG-2002  
 DEFINITION Method for identifying HPV infection type.  
 ACCESSION BD085495

VERSION BD085495.1 GI:22631105  
 KEYWORDS JP 2001321168-A/68.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 artificial sequences.  
 1 (bases 1 to 22)

REFERENCE 1 (bases 1 to 22)  
 AUTHORS Sasagawa,T.  
 TITLE Method for identifying HPV infection type  
 JOURNAL Patent: JP 2001321168-A 68 20-NOV-2001;  
 COMMENT TOSHIYUKI SASAGAWA

OS Artificial Sequence  
 PN JP 2001321168-A/68  
 PD 20-NOV-2001  
 PF 12-MAY-2000 JP 2000140602  
 PI TOSHIYUKI SASAGAWA  
 PC C12N15/09,C12Q1/68//G01N33/569  
 CC r:a/g, w:a/t, y:c/t, k:g/t  
 CC Designed peptide based on HPV virus genome types FH Key  
 CC Location/Qualifiers  
 FT source 1..22  
 FT /organism='Artificial Sequence',

FEATURES Location/Qualifiers

source 1..22  
 /organism="synthetic construct"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"

Query Match 0.8%; Score 18; DB 1; Length 22;  
 Best Local Similarity 100.0%; Pred. No. 9.9e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1115 CTCAGATGAAGATGATGA 1132  
 Db 18 CTCAGATGAAGATGATGA 1

RESULT 860  
 I34288/c

LOCUS I34288 21 bp DNA linear PAT 06-FEB-1997  
 DEFINITION Sequence 2 from patent US 5597694.  
 ACCESSION I34288  
 VERSION I34288.1 GI:1825079  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)  
 AUTHORS Munroe,D.J. and Housman,D.E.  
 TITLE Interspersed repetitive element-bubble amplification of nucleic acids  
 JOURNAL Patent: US 5597694-A 2 28-JAN-1997;  
 FEATURES Location/Qualifiers  
 source 1..21  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.8%; Score 17.8; DB 1; Length 21;  
 Best Local Similarity 90.5%; Pred. No. 9.9e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTTGGCTCACTGCAAGCTC 2165  
 Db 21 ATCTGCGCTCACTGCAACCTC 1

RESULT 861  
 AR242941/c

LOCUS AR242941 21 bp DNA linear PAT 20-DEC-2002  
 DEFINITION Sequence 87 from patent US 6475739.  
 ACCESSION AR242941  
 VERSION AR242941.1 GI:27289603  
 KEYWORDS  
 SOURCE Unknown.

```
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Brunkow,M.E., Proll,S., Paepfer,B. and Staehling-Hampton,K.
TITLE Methods for identifying genomic deletions
JOURNAL Patent: US 6475739-A 87 05-NOV-2002;
FEATURES
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            /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTGTGATCGCGCCACCT 2332
Db 21 GACCTGTGATCGCGCCGCT 1

RESULT 862
AX384993/c
LOCUS AX384993 21 bp DNA linear PAT 19-MAR-2002
DEFINITION Sequence 87 from Patent WO0210455.
ACCESSION AX384993
VERSION AX384993.1 GI:19578121
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Brunkow,M.E., Proll,S. and Paepfer,B.
TITLE Methods for identifying genomic deletions
JOURNAL Patent: WO 0210455-A 87 07-FEB-2002;
        Celltech R & D, Inc. (US) ; Straehling-Hampton, Karen (US)
FEATURES
    source
        1..21
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="PCR primer"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTGTGATCGCGCCACCT 2332
Db 21 GACCTGTGATCGCGCCGCT 1

RESULT 863
AX741032
LOCUS AX741032 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 6 from Patent WO03027328.
ACCESSION AX741032
VERSION AX741032.1 GI:30523893
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
        detectable probe binding to randomly distributed repeat sequences
        in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 6 03-APR-2003;
        Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
    source
        1..21
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

/note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTCC 2310
Db 1 GCCAGGCTGGTCTCGAATCC 21

RESULT 864
AX741044/c
LOCUS AX741044 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 18 from Patent WO03027328.
ACCESSION AX741044
VERSION AX741044.1 GI:30523905
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
        detectable probe binding to randomly distributed repeat sequences
        in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 18 03-APR-2003;
        Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
    source
        1..21
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTCC 2310
Db 21 GCCAGGCTGGTCTCGAATCC 1

RESULT 865
AX741051
LOCUS AX741051 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 25 from Patent WO03027328.
ACCESSION AX741051
VERSION AX741051.1 GI:30523912
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
        detectable probe binding to randomly distributed repeat sequences
        in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 25 03-APR-2003;
        Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
    source
        1..21
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTCC 2310
Db 21 GCCAGGCTGGTCTCGAATCC 1
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Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2117 TGTATCCAGGCTGGAGTGCA 2137

Db 1 TGTGCCCCAGGCTGGAGTGCA 21

RESULT 866

AX785478

LOCUS

AX785478 21 bp DNA linear PAT 17-JUL-2003

DEFINITION Sequence 89 from Patent WO03050301.

ACCESSION AX785478

VERSION AX785478.1 GI:32953098

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Gurling, H.M.

TITLE Susceptibility locus for schizophrenia

JOURNAL Patent: WO 03050301-A 89 19-JUN-2003;

FEATURES Gurling, Hugh Malcolm Douglas (GB)

source Location/Qualifiers

1. .21

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Primer"

Query Match

Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2338 TCCCAAGTCTGGGATTACA 2358

Db 1 TCCGAAAGTCTAGGATTACA 21

RESULT 867

AX474262/c

LOCUS

AX474262 22 bp DNA linear PAT 12-AUG-2002

DEFINITION Sequence 23 from Patent EP1223218.

ACCESSION AX474262

VERSION AX474262.1 GI:22213875

KEYWORDS Abies alba

SOURCE Abies alba

ORGANISM Abies alba

REFERENCE 1

AUTHORS Fraser, C.C.

TITLE C42000 and cd2001 molecules and uses thereof

JOURNAL Patent: EP 1223218-A 23 17-JUL-2002;

FEATURES Millennium Pharmaceuticals, Inc. (US)

source Location/Qualifiers

1. .22

/organism="Abies alba"

/mol\_type="unassigned DNA"

/db\_xref="taxon:45372"

Query Match

Best Local Similarity 0.8%; Score 17.6; DB 1; Length 22;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2185 CCATTCTCGCTCAGCCTC 2205

Db 22 CGATTCTCGCTCAGTCTC 2

RESULT 868

CQ787032/c

LOCUS

CQ787032 23 bp DNA linear PAT 24-MAR-2004

DEFINITION Sequence 38 from Patent WO2004020661.

ACCESSION CQ787032

VERSION CQ787032.1 GI:45722015

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1

AUTHORS Sendtner, M. and Boemmel, H.

TITLE Test system for the discovery of active agents in nerve cell

JOURNAL diseases

Patent: WO 2004020661-A 38 11-MAR-2004;

Medinnova Gesellschaft fuer Medizinische Innovation en aus

Akademischer Forschung mbH (DE)

FEATURES

source

1. .23

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Primer"

Query Match

Best Local Similarity 0.8%; Score 17.8; DB 1; Length 23;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2341 CAAAGTCTGGGATTACAGGC 2361

Db 22 CAAAGTCTGAGATTGAGGC 2

RESULT 869

AX116951

LOCUS

AX116951 23 bp DNA linear PAT 11-MAY-2001

DEFINITION Sequence 2074 from Patent WO0129262.

ACCESSION AX116951

VERSION AX116951.1 GI:14033893

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1

AUTHORS Ficoult-Newburg, L. and Pohl, M.

TITLE Genotyping reagents, kits and methods of use thereof

JOURNAL Patent: WO 0129262-A 2074 26-APR-2001;

FEATURES Orchid BioSciences, Inc. (US)

source Location/Qualifiers

1. .23

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="Primer"

Query Match

Best Local Similarity 0.8%; Score 17.8; DB 1; Length 23;

Matches 19; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 2327 CCACCTCGGCTCCCAAGTGCT 2349

Db 1 CTACTTCTGCTCCYAAAGTGCT 23

RESULT 870

AR074597/c

LOCUS

AR074597 19 bp DNA linear PAT 28-AUG-2000

DEFINITION Sequence 14 from patent US 5955265.

ACCESSION AR074597

VERSION AR074597.1 GI:10001350

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)

AUTHORS Brook, J. David., Housman, D.E., Shaw, D.J., Harley, H.G. and

Johnson, K.J.

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RESULT 873
I29970/c
LOCUS       I29970       19 bp      DNA      linear      PAT 06-FEB-1997
DEFINITION   Sequence 2 from patent US 5578493.
ACCESSION    I29970
VERSION      I29970.1  GI:1820761
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE    1. Unclassified.
AUTHORS      Gilliam, R. Conrad, and Tanzi, R. B.
TITLE        Wilson's disease gene
JOURNAL      Patent: US 5578493-A 2 26-NOV-1996;
FEATURES
             Location/Qualifiers
             1..19
             /organism="unknown"
             /mol_type="unassigned DNA"

Query Match      0.7%;   Score 17.6;   DB 1;   Length 19;
Best Local Similarity 94.4%;   Pred. No. 9.8e+02;
Matches 17;   Conservative 1;   Mismatches 0;   Indels 0;   Gaps 0;

QY      2124  CAGGCTGGAGTCAGTGG 2141
           |||||
DB      19    CAGGCTGGAGTCAGTGG 2

RESULT 874
BD231547/c
LOCUS       BD231547     19 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION   Chromosome 17q-linked prostate cancer susceptibility gene.
ACCESSION    BD231547
VERSION      BD231547.1  GI:33041317
KEYWORDS     JP 2002529065-A/99
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
             1 (bases 1 to 19)
             Tavtigian, S. V., Teng, D. H. F., Simard, J. and Rommens, J. M.
             Chromosome 17q-linked prostate cancer susceptibility gene
             Patent: JP 2002529065-A 99 10-SEP-2002;
             MYRIAD GENETICS INC, THE HOSPITAL FOR SICK CHILDREN
             OS Homo sapiens (human)
             PN JP 2002529065-A/99
             PD 10-SEP-2002
             PF 05-NOV-1999 JP 2000581041
             PR 06-NOV-1998 US 60/107468
             PI SEAN V TAVTIGIAN, DAVID H F TENG, JACQUES SIMARD, JOHANNA M PI
             ROMMENS
             PC C12N15/09, A61K31/713, A61K38/00, A61K39/395, A61K45/00, A61K48/00,
             PC A61P35/00,
             PC
             C07K14/47, C07K16/18, C07K16/44, C12N1/15, C12N1/19, C12N1/21, C12N5/
             PC 10,
             PC C12P21/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, G01N33/566,
             PC G01N33/577,
             PC G01N37/00, C12N15/00, A61K37/02, C12N5/00
             CC Chromosome 17q-linked prostate cancer susceptibility gene FH
             Key source Location/Qualifiers
             FT source 1..19
             FT /organism='Homo sapiens (human)'
             FT Location/Qualifiers
             1..19
             /organism='Homo sapiens'
             /mol_type='genomic DNA'
             /db_xref='taxon:9606'

FEATURES
             source

Query Match      0.7%;   Score 17.4;   DB 1;   Length 19;
Best Local Similarity 94.7%;   Pred. No. 1e+03;

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QY      2196 CCTCAGCCTCCCAATTAGC 2214
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      19 CCTCAGCCTCCCAATTAGC 1

RESULT 875
BD241056/c
LOCUS      BD241056 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION  BD241056
VERSION     BD241056.1 GI:33050826
KEYWORDS   JP 2002525127-A/3.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  1 (bases 1 to 19)
AUTHORS   Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.
TITLE     Methods and products related to genotyping and DNA analysis
JOURNAL   Patent: JP 2002525127-A 3 13-AUG-2002;
          MASSACHUSETTS INSTITUTE OF TECHNOLOGY
COMMENT   OS Homo sapiens (human)
          PN JP 2002525127-A/3
          PD 13-AUG-2002
          PF 24-SEP-1999 JP 2000572407
          PR 25-SEP-1998 US 60/101757
          PI JOHN E LANDERS,BARBARA JORDAN,DAVID E HOUSMAN,ALAIN CHAREST PC
          C12N15/09,C12Q1/68,G01N33/53,G01N33/566,G01N33/58,G01N37/00, PC
          G01N37/00,
          CC C12N15/00
          PC Methods and products related to genotyping and DNA analysis FH
          Key
          FT source
          FT Location/Qualifiers
          1..19
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          /organism="Homo sapiens"
          /mol_type="genomic DNA"
          /db_xref="taxon:9606"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2144 GATCTGGCTCACTGCAAG 2162
      |||||
      19 GATCTGGCTCACTGCAAG 1

RESULT 876
CO758983/c
LOCUS      CO758983 19 bp DNA linear PAT 01-MAR-2004
DEFINITION Sequence 107 from Patent WO2003104489.
ACCESSION  CO758983
VERSION     CO758983.1 GI:44848987
KEYWORDS   synthetic construct
          synthetic construct
          artificial sequences.
SOURCE     synthetic construct
ORGANISM   synthetic construct
REFERENCE  1
AUTHORS   Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and
          Reichwald,K.
TITLE     Mchrl variant associated with human obesity
JOURNAL   Patent: WO 2003104489-A 107 18-DEC-2003;
          Philipps-Universitaet Marburg (DE)
FEATURES   Location/Qualifiers
          source
          1..19
          /organism="synthetic construct"
          /mol_type="unassigned DNA"
          /db_xref="taxon:32630"
          /note="Primer E6r"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2144 GATCTGGCTCACTGCAAG 2162
      |||||
      19 GATCTGGCTCACTGCAAG 1

RESULT 876
CO758983/c
LOCUS      CO758983 19 bp DNA linear PAT 01-MAR-2004
DEFINITION Sequence 107 from Patent WO2003104489.
ACCESSION  CO758983
VERSION     CO758983.1 GI:44848987
KEYWORDS   synthetic construct
          synthetic construct
          artificial sequences.
SOURCE     synthetic construct
ORGANISM   synthetic construct
REFERENCE  1
AUTHORS   Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and
          Reichwald,K.
TITLE     Mchrl variant associated with human obesity
JOURNAL   Patent: WO 2003104489-A 107 18-DEC-2003;
          Philipps-Universitaet Marburg (DE)
FEATURES   Location/Qualifiers
          source
          1..19
          /organism="synthetic construct"
          /mol_type="unassigned DNA"
          /db_xref="taxon:32630"
          /note="Primer E6r"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2280 CACCGTGTAGCCAGGATG 2298
      |||||
      19 CACCGTGTAGCCAGGATG 1

RESULT 877
I31418
LOCUS      I31418 19 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 330 from patent US 5582979.
ACCESSION  I31418
VERSION     I31418.1 GI:18222209
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 19)
AUTHORS   Weber,J.L.
TITLE     Length polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n sequences and
          method of using the same
JOURNAL   Patent: US 5582979-A 330 10-DEC-1996;
          Location/Qualifiers
          1..19
          /organism="unknown"
          /mol_type="unassigned DNA"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2331 CTCGGCCTCCCAAGTGCT 2349
      |||||
      1 CTCGGCCTCCCAAGTGCT 19

RESULT 878
AR233457/c
LOCUS      AR233457 19 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 86 from patent US 6458532.
ACCESSION  AR233457
VERSION     AR233457.1 GI:27276048
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 19)
AUTHORS   Detera-Wadleigh,S.D., Yoshikawa,T., Sanders,A.R. and Esterling,L.E.
TITLE     Polynucleotides encoding IMP 18p myo-inositol monophosphatase and
          methods of detecting said polynucleotides
JOURNAL   Patent: US 6458532-A 86 01-OCT-2002;
          Location/Qualifiers
          1..19
          /organism="unknown"
          /mol_type="genomic DNA"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2111 TTGCTCTGTACCCAGGCT 2129
      |||||
      19 TTGCTCTGTACCCAGGCT 1

RESULT 879
AR482557/c
LOCUS      AR482557 19 bp DNA linear PAT 14-MAY-2004
DEFINITION Sequence 3 from patent US 6703228.
ACCESSION  AR482557
VERSION     AR482557.1 GI:47245080

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KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 19)
AUTHORS     Landers,J., Jordan,B., Housman,D.E. and Charest,A.
TITLE       Methode and products related to genotyping and DNA analysis
JOURNAL     Patent: US 6703228-A 3 09-MAR-2004;
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="unknown"
               /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 17.4; DB 1; Length 19;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCAAG 2162
      ||||| ||||| ||||| |||||
Db 19 GATCTGGCTCACTGCAAG 1

RESULT 880
AX081966/c
LOCUS      AX081966
DEFINITION Sequence 210 from Patent WO0109183.
ACCESSION AX081966
VERSION    AX081966.1 GI:13170773
KEYWORDS   synthetic construct
           synthetic construct
           artificial sequences.
ORGANISM   1
REFERENCE  1
AUTHORS     Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE       Polymorphisms in the human mdr-1 gene and their use in diagnostic
           and therapeutic applications
JOURNAL     Patent: WO 0109183-A 210 08-FEB-2001;
           EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="synthetic"

Query Match
Best Local Similarity 0.7%; Score 17.4; DB 1; Length 19;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
      ||||| ||||| ||||| |||||
Db 19 CTCGTGATCGCCGCGCTC 1

RESULT 881
AX081968
LOCUS      AX081968
DEFINITION Sequence 212 from Patent WO0109183.
ACCESSION AX081968
VERSION    AX081968.1 GI:13170775
KEYWORDS   synthetic construct
           synthetic construct
           artificial sequences.
ORGANISM   1
REFERENCE  1
AUTHORS     Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE       Polymorphisms in the human mdr-1 gene and their use in diagnostic
           and therapeutic applications
JOURNAL     Patent: WO 0109183-A 212 08-FEB-2001;
           EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="synthetic construct"

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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic"

Query Match
Best Local Similarity 0.7%; Score 17.4; DB 1; Length 19;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
      ||||| ||||| ||||| |||||
Db 1 CTCGTGATCGCCGCGCTC 19

RESULT 882
AX081972/c
LOCUS      AX081972
DEFINITION Sequence 216 from Patent WO0109183.
ACCESSION AX081972
VERSION    AX081972.1 GI:13170779
KEYWORDS   synthetic construct
           synthetic construct
           artificial sequences.
ORGANISM   1
REFERENCE  1
AUTHORS     Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE       Polymorphisms in the human mdr-1 gene and their use in diagnostic
           and therapeutic applications
JOURNAL     Patent: WO 0109183-A 216 08-FEB-2001;
           EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="synthetic"

Query Match
Best Local Similarity 0.7%; Score 17.4; DB 1; Length 19;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTGCGCACCATTCTCC 2193
      ||||| ||||| ||||| |||||
Db 19 CGGGTTGCGCACCATTCTCC 1

RESULT 883
AX081974
LOCUS      AX081974
DEFINITION Sequence 218 from Patent WO0109183.
ACCESSION AX081974
VERSION    AX081974.1 GI:13170781
KEYWORDS   synthetic construct
           synthetic construct
           artificial sequences.
ORGANISM   1
REFERENCE  1
AUTHORS     Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE       Polymorphisms in the human mdr-1 gene and their use in diagnostic
           and therapeutic applications
JOURNAL     Patent: WO 0109183-A 218 08-FEB-2001;
           EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="synthetic"

Query Match
Best Local Similarity 0.7%; Score 17.4; DB 1; Length 19;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTGCGCACCATTCTCC 2193

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Db      1 CCGGTTACACCACTTC 19
|||||
RESULT 884
AX081978/c
LOCUS      AX081978      19 bp      DNA      linear      PAT 27-FEB-2001
DEFINITION Sequence 222 from Patent WO0109183.
ACCESSION  AX081978
VERSION     AX081978.1 GI:13170785
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Brinkmann,U., Hoffmeyer,S., Bichelbaum,M. and Roots,I.
TITLE      Polymorphisms in the human mdr-1 gene and their use in diagnostic
           and therapeutic applications
JOURNAL    Patent: WO 0109183-A 222 08-FEB-2001;
           EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES   source
           1..19
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="synthetic"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2315 CTGCTGATCGCCACCTC 2333
|||||
Db      19 CTGCTGATCGCCGCGCTC 1
|||||

RESULT 885
AX081980
LOCUS      AX081980      19 bp      DNA      linear      PAT 27-FEB-2001
DEFINITION Sequence 224 from Patent WO0109183.
ACCESSION  AX081980
VERSION     AX081980.1 GI:13170787
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Brinkmann,U., Hoffmeyer,S., Bichelbaum,M. and Roots,I.
TITLE      Polymorphisms in the human mdr-1 gene and their use in diagnostic
           and therapeutic applications
JOURNAL    Patent: WO 0109183-A 224 08-FEB-2001;
           EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES   source
           1..19
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="synthetic"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2315 CTGCTGATCGCCACCTC 2333
|||||
Db      19 CTGCTGATCGCCGCGCTC 1
|||||

RESULT 886
AX116142
LOCUS      AX116142      19 bp      DNA      linear      PAT 11-MAY-2001
DEFINITION Sequence 1265 from Patent WO0129262.
ACCESSION  AX116142

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VERSION  AX116142.1 GI:14033084
KEYWORDS synthetic construct
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS   Picoult-Newburg,L. and Pohl,M.
TITLE     Genotyping reagents, kits and methods of use thereof
JOURNAL   Patent: WO 0129262-A 1265 26-APR-2001;
           Orchid BioSciences, Inc. (US)
FEATURES  Location/Qualifiers
           source
           1..19
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="Primer"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2353 ATTACAGGCGTGAGCCACC 2371
|||||
Db      1 ATTACAGGCGTGAGCCACC 19
|||||

RESULT 887
AX226138/c
LOCUS      AX226138      19 bp      DNA      linear      PAT 10-SEP-2001
DEFINITION Sequence 57 from Patent WO0160856.
ACCESSION  AX226138
VERSION     AX226138.1 GI:15555450
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Vikkula,M.
TITLE      vnglom gene and its mutations causing disorders with a vascular
           component
JOURNAL    Patent: WO 0160856-A 57 23-AUG-2001;
           UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)
FEATURES   Location/Qualifiers
           source
           1..19
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="oligonucleotide"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2299 GTCTCGATCTCTGACCTC 2317
|||||
Db      19 GTCTCGAATCTCTGACCTC 1
|||||

RESULT 888
BD088699/c
LOCUS      BD088699      19 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION  BD088699
VERSION     BD088699.1 GI:22634309
KEYWORDS   JP 2001321190-A/943.
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 19)
AUTHORS    Soeda,E.
TITLE      A method of arraying genome clone
JOURNAL    Patent: JP 2001321190-A 943 20-NOV-2001;
           THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

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COMMENT
OS Artificial Sequence
PN JP 2001321190-A/943
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1. .19
FT Location/Qualifiers
FT /organism='Artificial Sequence'.
FEATURES
source
1. .19
Location/Qualifiers
1. .19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2336 CCTCCCAAGTCTGGGAT 2354
Db 19 CCTCCCAAGTCTGGAT 1
RESULT 889
BD090072/c
LOCUS BD090072 19 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD090072
VERSION BD090072.1 GI:22635682
KEYWORDS JP 2001321190-A/2316.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Soeda,B.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2316 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT
OS Artificial Sequence
PN JP 2001321190-A/2316
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1. .19
FT Location/Qualifiers
FT /organism='Artificial Sequence'.
FEATURES
source
1. .19
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2121 ACCCAGGCTGGAGTGCAGT 2139
Db 19 ACCCAGGCTGGAGTGTAGT 1
RESULT 890
BD068733/c
LOCUS BD068733 19 bp DNA linear SYN 21-MAY-2003
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-D1S2728
at lp36.
ACCESSION AB068733
VERSION AB068733.1 GI:15129537
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome lp35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 19)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source
1. .19
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
misc_feature 1. .19
/notes="reverse primer for human STS sts-D1S2728 at lp36
sts-D1S2728 obtained from clones B351N1, B26G13, B26E12,
B39F12, Human BAC library RPCI-11"
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2121 ACCCAGGCTGGAGTGCAGT 2139
Db 19 ACCCAGGCTGGAGTGTAGT 1
RESULT 891
I31439/c
LOCUS I31439 20 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 351 from patent US 5582979.
ACCESSION I31439
VERSION I31439.1 GI:1822230
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
AUTHORS Weber,J.L.
TITLE Length polymorphisms in (dc-da) .sub.n. (dG-dT) .sub.n sequences and
method of using the same
JOURNAL Patent: US 5582979-A 351 10-DEC-1996;
FEATURES
source
1. .20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2233 CCACCACCTGGCTAATT 2251
Db 19 CCACAACACCTGGCTAATT 1

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RESULT 892
AR215877
LOCUS AR215877 20 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 18 from patent US 6410325.
ACCESSION AR215877
VERSION AR215877.1 GI:23314133
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F., Freier,S.M. and Watt,A.T.
TITLE Antisense modulation of phospholipase A2, group VI
(Ca2+-independent) expression
JOURNAL Patent: US 6410325-A 18 25-JUN-2002;
FEATURES
source Location/Qualifiers
1..20
/mol_type="genomic DNA"

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTCTGGG 2352
|||
2 GGTCTCCCAAGTCTGGG 20

Db

RESULT 893
AR271152
LOCUS AR271152 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 95 from patent US 6503152.
ACCESSION AR271152
VERSION AR271152.1 GI:29702455
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Pelz,D.T.
TITLE Putting trainer
JOURNAL Patent: US 6503152-A 95 07-JAN-2003;
FEATURES
source Location/Qualifiers
1..20
/mol_type="genomic DNA"

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCTCCCAATTAGC 2214
|||
2 CCTCAGCTCCCAAGTAGC 20

Db

RESULT 894
AR305332
LOCUS AR305332 20 bp DNA linear PAT 12-JUN-2003.
DEFINITION Sequence 286 from patent US 6545137.
ACCESSION AR305332
VERSION AR305332.1 GI:31694642
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
TITLE Receptor

JOURNAL Patent: US 6545137-A 286 08-APR-2003;
FEATURES
source Location/Qualifiers
1..20
/mol_type="genomic DNA"

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCT 2164
|||
2 TCTTGGCTCACTGCAACCT 20

Db

RESULT 895
AR309436
LOCUS AR309436 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 286 from patent US 6555654.
ACCESSION AR309436
VERSION AR309436.1 GI:31701441
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
TITLE LDL-receptor
JOURNAL Patent: US 6555654-A 286 29-APR-2003;
FEATURES
source Location/Qualifiers
1..20
/mol_type="genomic DNA"

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCT 2164
|||
2 TCTTGGCTCACTGCAACCT 20

Db

RESULT 896
AX184102/c
LOCUS AX184102 20 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 1855 from Patent WO0142511.
ACCESSION AX184102
VERSION AX184102.1 GI:15135441
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Dady,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1855 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
Biotherapeutics Corporation (CA)
FEATURES
source Location/Qualifiers
1..20
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2093 TTTTITGAGACCGAGTCTT 2112

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Db      20 TTTTGTGAGAGCGAGTCTT 1
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RESULT 897
AXI88411
LOCUS      AXI88411                20 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION Sequence 30 from Patent WO0147954.
ACCESSION  AXI88411
VERSION     AXI88411.1  GI:15142082
KEYWORDS   .
SOURCE     synthetic construct
           artificial sequences.
ORGANISM   1
REFERENCE  1
AUTHORS    van Roy,F., Vanlandechoot,A. and Janssens,B.
TITLE      Novel cdnas encoding catenin-binding proteins with function in
           signalling and/or gene regulation
JOURNAL    Patent: WO 0147954-A 30 05-JUL-2001;
           Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
FEATURES   Location/Qualifiers
           source
           1..20
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="primer FVR510F"
Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2347 GCTGGGATTACAGGCATCA 2365
||||| ||||| ||||| ||||| |||||
Db      1 GCTGGGATTACAGGCATCA 19

RESULT 898
BD089312/c
LOCUS      BD089312                20 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION  BD089312
VERSION     BD089312.1  GI:22634922
KEYWORDS   JP 2001321190-A/1556.
SOURCE     synthetic construct
           synthetic construct
           artificial sequences.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Soeda,E.
TITLE      A method of arraying genome clone
JOURNAL    Patent: JP 2001321190-A 1556 20-NOV-2001;
           THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT    GENOTECHS
OS         Artificial Sequence
PN         JP 2001321190-A/1556
PD         20-NOV-2001
PF         12-MAR-2001 JP 2001068285
PI         EIICHI SOEDA
PC         C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
           C12N15/00,
PC         C12N15/00
CC         Description of Artificial Sequence:Synthetic DNA FH Key
           Location/Qualifiers
           FT source
           1..20
           /organism="Artificial Sequence".
           Location/Qualifiers
           1..20
           /organism="synthetic construct"
           /mol_type="synthetic DNA"
           /db_xref="taxon:32630"
Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      20 CTCAGCTCCCAAGTAGCT 2
||||| ||||| ||||| ||||| |||||
RESULT 899
BD106243
LOCUS      BD106243                20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Novel LDL-receptor.
ACCESSION  BD106243
VERSION     BD106243.1  GI:23201061
KEYWORDS   JP 2002501376-A/258.
SOURCE     Chlamydia sp.
           Chlamydia sp.
ORGANISM   1
REFERENCE  1
AUTHORS    Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H.
           and Hey,P.
TITLE      Novel LDL-receptor
JOURNAL    Patent: JP 2002501376-A 258 15-JAN-2002;
           THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO
FEATURES   Location/Qualifiers
           INC
           PN         JP 2002501376-A/258
           PD         15-JAN-2002
           PF         15-APR-1998 JP 1998543635
           PR         15-APR-1997 US 60/043553,05-JUN-1997 US 60/048740 PI
           THOMAS CASKEY,ROGER
           PI         DAVID COX,
           PI         DAVID GERHOLD,HOLLY HAMMOND,PATRICIA HEY
           PC         C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,
           PC         A61K39/395,
           PC         A61K48/00
           CC         Strandedness: Single;
           CC         Topology: Linear;
           FH         Key
           Location/Qualifiers
           1..20
           /organism="Chlamydia sp."
           /mol_type="genomic DNA"
           /db_xref="taxon:35827"
Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2146 TCTTGGCTCACTGCAAGCT 2164
||||| ||||| ||||| ||||| |||||
Db      2 TCTTGGCTCACTGCAAGCT 20

RESULT 900
AR345147/c
LOCUS      AR345147                21 bp      DNA      linear      PAT 17-AUG-2003
DEFINITION Sequence 28 from patent US 6583112.
ACCESSION  AR345147
VERSION     AR345147.1  GI:33741783
KEYWORDS   .
SOURCE     Unknown.
           Unknown.
ORGANISM   1 (bases 1 to 21)
REFERENCE  1 (bases 1 to 21)
AUTHORS    Fu,Y.-H., Yu,C.-E., Oshima,J., Mulligan,J.T. and Schellenberg,G.D.
TITLE      Gene products related to werner's syndrome
JOURNAL    Patent: US 6583112-A 28 24-JUN-2003;
           US 6583112-A 28 24-JUN-2003;
FEATURES   Location/Qualifiers
           source
           1..21
           /organism="unknown"
           /mol_type="genomic DNA"
Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCCTG 2312  
 |||||  
 Db 21 GGATGGTCTCGACTCCTG 3

## RESULT 901

E31640 22 bp DNA linear PAT 18-JUN-2001  
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger  
 DEFINITION print with the use of restriction primer of inter-SINE sequences  
 and primer to be used therein.

ACCESSION E31640

VERSION E31640.1 GI:13018550

KEYWORDS JP 2000023671-A/13

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger

JOURNAL print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

Patent: JP 2000023671-A 13 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/13

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

PH Key Location/Qualifiers

FT source

1. .22

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

FEATURES

source

1. .22

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

|||||

Db 1 GATTACAGGCGTGAGCCAC 19

## RESULT 902

E31641 22 bp DNA linear PAT 18-JUN-2001  
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger  
 DEFINITION print with the use of restriction primer of inter-SINE sequences  
 and primer to be used therein.

ACCESSION E31641

VERSION E31641.1 GI:13018551

KEYWORDS JP 2000023671-A/14

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger

JOURNAL print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

Patent: JP 2000023671-A 14 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/14

PD 25-JAN-2000  
 PF 10-JUL-1998 JP 1998195692

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

PH Key Location/Qualifiers

FT source

1. .22

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

## FEATURES

source

1. .22

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

|||||

Db 1 GATTACAGGCGTGAGCCAC 19

## RESULT 903

E31642 22 bp DNA linear PAT 18-JUN-2001  
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger  
 DEFINITION print with the use of restriction primer of inter-SINE sequences  
 and primer to be used therein.

ACCESSION E31642

VERSION E31642.1 GI:13018552

KEYWORDS JP 2000023671-A/15

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger

JOURNAL print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

Patent: JP 2000023671-A 15 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/15

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

PH Key Location/Qualifiers

FT source

1. .22

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

FEATURES

source

1. .22

/organism="synthetic construct"

/mol\_type="genomic DNA"

/db\_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

|||||

Db 1 GATTACAGGCGTGAGCCAC 19

## RESULT 904

E31643 22 bp DNA linear PAT 18-JUN-2001  
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger  
 DEFINITION print with the use of restriction primer of inter-SINE sequences

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print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
E31643
E31643.1 GI:13018553
KEYWORDS JP 2000023671-A/16.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
JOURNAL Patent: JP 2000023671-A 16 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/16
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PI C12N15/09, C12Q1/68, C12N15/00
PC
CC
FH Key 1..22 Location/Qualifiers
FT source /organism='Artificial Sequence'.
FT Location/Qualifiers
1..22
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 905
E31644
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31644.1 GI:13018554
VERSION JP 2000023671-A/17.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
JOURNAL Patent: JP 2000023671-A 17 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/17
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PI C12N15/09, C12Q1/68, C12N15/00
PC
CC
FH Key 1..22 Location/Qualifiers
FT source /organism='Artificial Sequence'.
FT Location/Qualifiers
1..22
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 906
E31645
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31645.1 GI:13018555
VERSION JP 2000023671-A/18.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
JOURNAL Patent: JP 2000023671-A 18 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/18
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PI C12N15/09, C12Q1/68, C12N15/00
PC
CC
FH Key 1..22 Location/Qualifiers
FT source /organism='Artificial Sequence'.
FT Location/Qualifiers
1..22
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 907
E31646
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31646.1 GI:13018556
VERSION JP 2000023671-A/19.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 906
E31645
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31645.1 GI:13018555
VERSION JP 2000023671-A/18.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
JOURNAL Patent: JP 2000023671-A 18 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/18
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PI C12N15/09, C12Q1/68, C12N15/00
PC
CC
FH Key 1..22 Location/Qualifiers
FT source /organism='Artificial Sequence'.
FT Location/Qualifiers
1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 907
E31646
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31646.1 GI:13018556
VERSION JP 2000023671-A/19.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.

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print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
Patent: JP 2000023671-A 19 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/19
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC synthetic construct
FH Key 1 Location/Qualifiers
FT source 1..22
/organism="Artificial Sequence"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 908
E31647
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
OS Artificial Sequence
PN JP 2000023671-A/20
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC synthetic construct
FH Key 1 Location/Qualifiers
FT source 1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 909
E31648
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
OS Artificial Sequence
PN JP 2000023671-A/21
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC synthetic construct
FH Key 1 Location/Qualifiers
FT source 1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 910
E31649
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
OS Artificial Sequence
PN JP 2000023671-A/22
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC synthetic construct
FH Key 1 Location/Qualifiers
FT source 1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

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## RESULT 909

E31648

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

PN

PD

PF

PR

PI

PC

CC

FH

FT

FEATURES

source

Query Match

Best Local Similarity

Matches

QY

Db

RESULT 910

E31649

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

PN

PD

PF

PR

PI

PC



Best Local Similarity 94.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370  
|||||  
Db 1 GATTACAGGCGTGAGCCAC 19

## RESULT 914

E31653

LOCUS

DEFINITION E31653 22 bp DNA linear PAT 18-JUN-2001  
Method for distinguishing eucaryotic individual based on PCR finger  
print with the use of restriction primer of inter-SINE sequences  
and primer to be used therein.

ACCESSION

VERSION

E31653.1

GI:13018563

KEYWORDS

JP 2000023671-A/26

SOURCE

synthetic construct

ORGANISM

artificial sequences.

REFERENCE

1 (bases 1 to 22)

AUTHORS

Ichiho, O., Ichiho, N. and Hiroshi, Y.

TITLE

Method for distinguishing eucaryotic individual based on PCR finger  
print with the use of restriction primer of inter-SINE sequences  
and primer to be used therein

JOURNAL

PATENT: JP 2000023671-A 26 25-JAN-2000;

COMMENT

OS Artificial Sequence

PN JP 2000023671-A/26

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

Key Location/Qualifiers

FT source

1..22

Location/Qualifiers

/organism='Artificial Sequence'

1..22

/organism='synthetic construct'

/mol\_type='genomic DNA'

/db\_xref='taxon:32630'

FEATURES

source

Query Match

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

|||||

Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 915

E31654

LOCUS

DEFINITION

E31654 22 bp DNA linear PAT 18-JUN-2001

Method for distinguishing eucaryotic individual based on PCR finger

print with the use of restriction primer of inter-SINE sequences

and primer to be used therein.

ACCESSION

VERSION

E31654.1

GI:13018564

KEYWORDS

JP 2000023671-A/27.

SOURCE

synthetic construct

ORGANISM

artificial sequences.

REFERENCE

1 (bases 1 to 22)

AUTHORS

Ichiho, O., Ichiho, N. and Hiroshi, Y.

TITLE

Method for distinguishing eucaryotic individual based on PCR finger  
print with the use of restriction primer of inter-SINE sequences  
and primer to be used therein

JOURNAL

Patent: JP 2000023671-A 27 25-JAN-2000;

COMMENT

OS Artificial Sequence

PN JP 2000023671-A/27

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

Key Location/Qualifiers

FT source

1..22

Location/Qualifiers

/organism='Artificial Sequence'

1..22

/organism='synthetic construct'

/mol\_type='genomic DNA'

/db\_xref='taxon:32630'

FEATURES

source

Query Match

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

|||||

Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 917

E31656

LOCUS

DEFINITION

E31656 22 bp DNA linear PAT 18-JUN-2001

Method for distinguishing eucaryotic individual based on PCR finger

print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

ACCESSION

VERSION

E31656.1

GI:13018566

KEYWORDS

JP 2000023671-A/28

SOURCE

synthetic construct

ORGANISM

artificial sequences.

REFERENCE

1 (bases 1 to 22)

AUTHORS

Ichiho, O., Ichiho, N. and Hiroshi, Y.

TITLE

Method for distinguishing eucaryotic individual based on PCR finger  
print with the use of restriction primer of inter-SINE sequences  
and primer to be used therein

JOURNAL

Patent: JP 2000023671-A 28 25-JAN-2000;

COMMENT

OS Artificial Sequence

PN JP 2000023671-A/28

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

Key Location/Qualifiers

FT source

1..22

Location/Qualifiers

/organism='Artificial Sequence'

1..22

/organism='synthetic construct'

/mol\_type='genomic DNA'

/db\_xref='taxon:32630'

FEATURES

source

Query Match

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

|||||

Db 1 GATTACAGGCGTGAGCCAC 19

DEFINITION Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

ACCESSION E31656  
VERSION E31656.1 GI:13018566  
KEYWORDS JP 2000023671-A/29.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1 (bases 1 to 22)  
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.  
TITLE Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences

JOURNAL Patent: JP 2000023671-A 29 25-JAN-2000;  
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

COMMENT OS Artificial Sequence  
PN JP 2000023671-A/29  
PD 25-JAN-2000  
PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE  
PI C12N15/09, C12Q1/68, C12N15/00  
PC  
CC  
FH Key Location/Qualifiers  
FT source 1..22  
FT /organism='Artificial Sequence'.

FEATURES  
source  
1..22  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;  
Best Local Similarity 94.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370  
|||||  
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 918

E31657 22 bp DNA linear PAT 18-JUN-2001  
LOCUS Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.  
DEFINITION

ACCESSION E31657  
VERSION E31657.1 GI:13018567  
KEYWORDS JP 2000023671-A/30.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1 (bases 1 to 22)  
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.  
TITLE Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences

JOURNAL Patent: JP 2000023671-A 30 25-JAN-2000;  
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

COMMENT OS Artificial Sequence  
PN JP 2000023671-A/30  
PD 25-JAN-2000  
PF 10-JUL-1998 JP 1998195692  
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE  
PI C12N15/09, C12Q1/68, C12N15/00  
PC  
CC  
FH Key Location/Qualifiers  
FT source 1..22  
FT /organism='Artificial Sequence'.

FEATURES  
Location/Qualifiers

source

1..22  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;  
Best Local Similarity 94.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370  
|||||  
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 919

BD174265 23 bp DNA linear PAT 18-FEB-2003  
LOCUS Novel physiological active peptide and its use.  
DEFINITION  
ACCESSION BD174265  
VERSION BD174265.1 GI:28415604  
KEYWORDS WO 02062944-A/12.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1 (bases 1 to 23)  
AUTHORS Otaki,I., Masuda,Y., Takatsu,Y., Watanabe,T., Terao,Y., Shintani,Y. and Hinuma,S.  
TITLE Novel physiological active peptide and its use  
JOURNAL TAKEDA CHEMICAL INDUSTRIES LTD.TETSUYA OTAKI YASUSHI MASUDA, YOSHIHIRO TAKATSU, TAKUYA WATANABE, YASUKO TERAO, YASUSHI SHINTANI, SHUJI HINUMA  
COMMENT OS Artificial Sequence  
PN WO 02062944-A/12  
PD 15-AUG-2002  
PF 01-FEB-2002 WO 2002JP000852  
PR 02-FEB-2001 JP 01P 026820  
PI TETSUYA OTAKI, YASUSHI MASUDA, YOSHIHIRO TAKATSU, TAKUYA WATANABE,  
PT YASUKO TERAO, YASUSHI SHINTANI, SHUJI HINUMA  
PC C07K14/47, C07K14/705, C12N15/12, C12P21/02, C07K16/18, A61K67/027,  
PC C12N5/10,  
PC G01N33/15, G01N33/50, A61P1/00  
CC DNA primer, hbv8-WR primer  
FH Key Location/Qualifiers  
FT source 1..23  
FT /organism='Artificial Sequence'.

FEATURES  
source

1..23  
Location/Qualifiers  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 23;  
Best Local Similarity 94.7%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 TCTTCACATTGTTTCTA 774  
|||||  
Db 2 TATTACATTGTTTCTA 20

RESULT 920

I34290/c 20 bp DNA linear PAT 06-FEB-1997  
LOCUS Sequence 4 from patent US 5597694.  
DEFINITION  
ACCESSION I34290  
VERSION I34290.1 GI:1825081  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)

AUTHORS Munroe,D.J. and Housman,D.E.  
TITLE Interspersed repetitive element-bubble amplification of nucleic acids  
JOURNAL Patent: US 5597694-A 4 28-JAN-1997;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.7%; Score 17.2; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 1.e+03;  
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGT 2119  
||||| : ||||| : |||||  
Db 20 GAGAYRGAGTCTVRCCTCTGT 1

RESULT 921  
AR080244/c  
LOCUS AR080244 22 bp DNA linear PAT 31-AUG-2000  
DEFINITION Sequence 1 from patent US 5968741.  
ACCESSION AR080244  
VERSION AR080244.1 GI:10006979  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Plevy,S.E. and Targan,S.R.  
TITLE Methods of diagnosing a medically resistant clinical subtype of ulcerative colitis  
JOURNAL Patent: US 5968741-A 1 19-OCT-1999;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136  
||||| : ||||| : |||||  
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 922  
AR093695/c  
LOCUS AR093695 22 bp DNA linear PAT 08-SEP-2000  
DEFINITION Sequence 1 from patent US 6001569.  
ACCESSION AR093695  
VERSION AR093695.1 GI:10020444  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Plevy,S.E., Rotter,J.I., Targan,S.R., Toyoda,H. and Yang,H.  
TITLE Methods of screening for Crohn's disease using TNF microsatellite alleles  
JOURNAL Patent: US 6001569-A 1 14-DEC-1999;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136  
||||| : ||||| : |||||

Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 923  
AR128062/c  
LOCUS AR128062 22 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 1 from patent US 6183951.  
ACCESSION AR128062  
VERSION AR128062.1 GI:14115724  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Plevy,S.E., Targan,S.R., Taylor,K. and Barry,M.J.  
TITLE Methods of diagnosing clinical subtypes of crohn's disease with characteristic responsiveness to anti-Th1 cytokine therapy  
JOURNAL Patent: US 6183951-A 1 06-FEB-2001;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136  
||||| : ||||| : |||||  
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 924  
AR287807/c  
LOCUS AR287807 22 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 1 from patent US 6534263.  
ACCESSION AR287807  
VERSION AR287807.1 GI:31674859  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Plevy,S.E., Rotter,J.I., Targan,S.R., Toyoda,H. and Yang,H.  
TITLE Methods of screening for Crohn's disease using TNF microsatellite alleles  
JOURNAL Patent: US 6534263-A 1 18-MAR-2003;  
FEATURES Location/Qualifiers  
source 1..22  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136  
||||| : ||||| : |||||  
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 925  
AR367700/c  
LOCUS AR367700 22 bp DNA linear PAT 12-SEP-2003  
DEFINITION Sequence 28 from patent US 6376176.  
ACCESSION AR367700  
VERSION AR367700.1 GI:34601079  
KEYWORDS  
SOURCE Unknown.  
ORGANISM  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Taylor,K.D., Rotter,J.I. and Yang,H.

TITLE Methods of using a major histocompatibility complex class III  
 JOURNAL haplotype to diagnose Crohn's disease  
 PATENT: US 6376176-A 28 23-APR-2002;  
 FEATURES Location/Qualifiers  
 source  
 1..22  
 /organism="unknown"  
 /mol\_type="genomic DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
 Best Local Similarity 86.4%; Pred. No. 1e+03;  
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCCAGGCTGGAGTGC 2136  
 DB 22 TCTGTGGCTAGGCTGGAGTGC 1

RESULT 926  
 AX098591/c  
 LOCUS  
 DEFINITION  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM  
 Homo sapiens (human)  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE  
 AUTHORS Taylor,K.D., Rotter,J.I. and Yang,H.  
 TITLE Methods of using a major histocompatibility complex class III  
 JOURNAL haplotype to diagnose crohn's disease  
 PATENT: WO 0120036-A 28 22-MAR-2001;  
 CEDARS-SINAI MEDICAL CENTER (US)

FEATURES Location/Qualifiers  
 source  
 1..22  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
 Best Local Similarity 86.4%; Pred. No. 1e+03;  
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCCAGGCTGGAGTGC 2136  
 DB 22 TCTGTGGCTAGGCTGGAGTGC 1

RESULT 927  
 AR044034/c  
 LOCUS  
 DEFINITION  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM  
 Unknown.  
 Unclassified.  
 1 (bases 1 to 17)  
 Garini,Y., Cabib,D., Buckwald,R.A., Ried,T. and Soenksen,D.G.  
 TITLE Method for simultaneous detection of multiple fluorophores for in  
 situ hybridization and multicolor chromosome painting and banding  
 JOURNAL Patent: US 5817462-A 2 06-OCT-1998;  
 FEATURES Location/Qualifiers  
 source  
 1..17  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.7%; Score 17; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1e+03;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAG 2138  
 DB 17 CCCAGGCTGGAGTGCAG 1

RESULT 928  
 BD203031  
 LOCUS  
 DEFINITION  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM  
 Homo sapiens  
 Homo sapiens (human)  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE  
 AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.  
 TITLE Method and reagent for treating diseases or conditions concerning  
 molecule participating in vasculogenic response  
 JOURNAL Patent: JP 2002509721-A 6057 02-APR-2002;  
 RIBOZYME PHARMACEUTICALS INC

COMMENT OS Homo sapiens (human)  
 PN JP 2002509721-A/6057  
 PD 02-APR-2002  
 PF 24-MAR-1999 JP 2000541291  
 PR 27-MAR-1998 US 60/079678  
 PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,  
 PI JAMES A MCSWIGGEN  
 PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC  
 A61P29/00,  
 PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC  
 C12N5/00  
 CC Method and reagent for treating diseases or conditions CC  
 concerning molecule  
 CC participating in vasculogenic response  
 FH Key location/Qualifiers  
 FT source 1..17  
 /organism="Homo sapiens (human)"

FEATURES Location/Qualifiers  
 source  
 1..17  
 /organism="Homo sapiens"  
 /mol\_type="genomic RNA"  
 /db\_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1e+03;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCTCAGCTCCC 2207  
 DB 1 TCCTGCTCAGCTCCC 17

RESULT 929  
 BD203159/c  
 LOCUS  
 DEFINITION  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
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 Homo sapiens  
 Homo sapiens (human)  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE  
 AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.  
 TITLE Method and reagent for treating diseases or conditions concerning  
 molecule participating in vasculogenic response  
 JOURNAL Patent: JP 2002509721-A 6185 02-APR-2002;



JOURNAL Patent: WO 03004526-A 3149 16-JAN-2003;  
Molecular Engines Laboratories (FR)  
FEATURES Location/Qualifiers  
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RESULT 934  
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DEFINITION Sequence 5448 from Patent EP1281758.  
ACCESSION AX692716  
VERSION AX692716.1 GI:29415674  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
1  
REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5448 05-FEB-2003;  
Aeomica, Inc. (US)  
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RESULT 935  
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DEFINITION Sequence 5449 from Patent EP1281758.  
ACCESSION AX692717  
VERSION AX692717.1 GI:29415675  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
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REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5449 05-FEB-2003;  
Aeomica, Inc. (US)  
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JOURNAL Patent: WO 03004526-A 3149 16-JAN-2003;  
Molecular Engines Laboratories (FR)  
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QY 2275 GGTTCACCGGTGTAGC 2291  
Db 1 GGTTCACCGGTGTAGC 17  
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RESULT 936  
AX692718  
LOCUS AX692718 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 5450 from Patent EP1281758.  
ACCESSION AX692718  
VERSION AX692718.1 GI:29415676  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
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REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5450 05-FEB-2003;  
Aeomica, Inc. (US)  
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QY 2276 GTTTCACCGGTGTAGCC 2292  
Db 1 GTTTCACCGGTGTAGCC 17  
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RESULT 937  
AX692719  
LOCUS AX692719 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 5451 from Patent EP1281758.  
ACCESSION AX692719  
VERSION AX692719.1 GI:29415677  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
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REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5451 05-FEB-2003;  
Aeomica, Inc. (US)  
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Best Local Similarity 100.0%; Pred. No. 1e+03;  
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Db 1 TTTCACCGGTGTAGCCA 17  
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RESULT 938  
AX692720  
LOCUS AX692720 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 5452 from Patent EP1281758.  
ACCESSION AX692720  
VERSION AX692720.1 GI:29415678  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
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REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5452 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
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DEFINITION Sequence 5452 from Patent EP1281758.  
ACCESSION AX692720  
VERSION AX692720.1 GI:29415678  
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ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5452 05-FEB-2003;  
Aeomica, Inc. (US)  
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Best Local Similarity 100.0%; Pred. No. 1e+03;  
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QY 2278 TTCACCGTGTAGCCAG 2294  
Db 1 TTCACCGTGTAGCCAG 17  
RESULT 939  
AX692721  
LOCUS AX692721 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 5453 from Patent EP1281758.  
ACCESSION AX692721  
VERSION AX692721.1 GI:29415679  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5453 05-FEB-2003;  
Aeomica, Inc. (US)  
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Best Local Similarity 100.0%; Pred. No. 1e+03;  
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QY 2279 TCACCGTGTAGCCAG 2295  
Db 1 TCACCGTGTAGCCAG 17  
RESULT 940  
AX692722  
LOCUS AX692722 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 5454 from Patent EP1281758.  
ACCESSION AX692722  
VERSION AX692722.1 GI:29415680  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5454 05-FEB-2003;  
Aeomica, Inc. (US)  
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QY 2280 CACCGTGTAGCCAG 2296  
Db 1 CACCGTGTAGCCAG 17  
RESULT 941  
AX692723  
LOCUS AX692723 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 5455 from Patent EP1281758.  
ACCESSION AX692723  
VERSION AX692723.1 GI:29415681  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5455 05-FEB-2003;  
Aeomica, Inc. (US)  
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Best Local Similarity 100.0%; Pred. No. 1e+03;  
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QY 2281 ACCGTGTAGCCAG 2297  
Db 1 ACCGTGTAGCCAG 17  
RESULT 942  
AX692724  
LOCUS AX692724 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 5456 from Patent EP1281758.  
ACCESSION AX692724  
VERSION AX692724.1 GI:29415682  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE  
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 5456 05-FEB-2003;  
Aeomica, Inc. (US)  
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Db 1 CCGTGTAGCCAGGATG 17

RESULT 943
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ACCESSION AX692725
VERSION AX692725.1 GI:29415683
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5457 05-FEB-2003;
Aeomica, Inc. (US)
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QY 2285 TGTAGCCAGGATGGTC 2301
Db 1 TGTAGCCAGGATGGTC 17

RESULT 946
AX692728
LOCUS AX692728 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5460 from Patent EP1281758.
ACCESSION AX692728
VERSION AX692728.1 GI:29415686
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5460 05-FEB-2003;
Aeomica, Inc. (US)
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QY 2286 GTTAGCCAGGATGGTCT 2302
Db 1 GTTAGCCAGGATGGTCT 17

RESULT 947
AX692729
LOCUS AX692729 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5461 from Patent EP1281758.
ACCESSION AX692729

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VERSION      AX692729.1 GI:29415687
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS      Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE        Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL      mdz12
JOURNAL      Patent: EP 1281758-A 5461 05-FEB-2003;
Aeomica, Inc. (US)
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Best Local Similarity 100.0%; Pred. No. 1e+03;
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QY      2287 TTAGCCAGGATGGTCTC 2303
Db      1 TTAGCCAGGATGGTCTC 17

RESULT 948
AX692730
LOCUS       AX692730          17 bp    DNA    linear    PAT 31-MAR-2003
DEFINITION Sequence 5462 from Patent EP1281758.
ACCESSION  AX692730
VERSION    AX692730.1 GI:29415688
KEYWORDS
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS    Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL    mdz12
JOURNAL    Patent: EP 1281758-A 5462 05-FEB-2003;
Aeomica, Inc. (US)
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Best Local Similarity 100.0%; Pred. No. 1e+03;
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QY      2288 TAGCCAGGATGGTCTCG 2304
Db      1 TAGCCAGGATGGTCTCG 17

RESULT 949
AX692731
LOCUS       AX692731          17 bp    DNA    linear    PAT 31-MAR-2003
DEFINITION Sequence 5463 from Patent EP1281758.
ACCESSION  AX692731
VERSION    AX692731.1 GI:29415689
KEYWORDS
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS    Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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JOURNAL      Patent: EP 1281758-A 5463 05-FEB-2003;
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2289 AGCCAGGATGGTCTCGA 2305
Db      1 AGCCAGGATGGTCTCGA 17

RESULT 950
AX692732
LOCUS       AX692732          17 bp    DNA    linear    PAT 31-MAR-2003
DEFINITION Sequence 5464 from Patent EP1281758.
ACCESSION  AX692732
VERSION    AX692732.1 GI:29415690
KEYWORDS
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
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            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS    Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL    mdz12
JOURNAL    Patent: EP 1281758-A 5464 05-FEB-2003;
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2290 GCCAGGATGGTCTCGAT 2306
Db      1 GCCAGGATGGTCTCGAT 17

RESULT 951
AX692733
LOCUS       AX692733          17 bp    DNA    linear    PAT 31-MAR-2003
DEFINITION Sequence 5465 from Patent EP1281758.
ACCESSION  AX692733
VERSION    AX692733.1 GI:29415691
KEYWORDS
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS    Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL    mdz12
JOURNAL    Patent: EP 1281758-A 5465 05-FEB-2003;
Aeomica, Inc. (US)
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 CCAGGATGGTCTCGATC 17

RESULT 952
AX692734
LOCUS          AX692734          17 bp DNA linear PAT 31-MAR-2003
DEFINITION    Sequence 5466 from Patent EPI281758.
ACCESSION     AX692734
VERSION       AX692734.1 GI:29415692
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
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               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1
AUTHORS       Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE         Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
               mdz12
JOURNAL       Patent: EP 1281758-A 5466 05-FEB-2003;
               Aeomica, Inc. (US)
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Best Local Similarity 100.0%; Pred. No. 1e+03;
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QY 2292 CAGGATGGTCTCGATCT 2308
DB 1 CAGGATGGTCTCGATCT 17

RESULT 953
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LOCUS          AX692735          17 bp DNA linear PAT 31-MAR-2003
DEFINITION    Sequence 5467 from Patent EPI281758.
ACCESSION     AX692735
VERSION       AX692735.1 GI:29415693
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
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REFERENCE     1
AUTHORS       Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE         Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
               mdz12
JOURNAL       Patent: EP 1281758-A 5467 05-FEB-2003;
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Query Match          0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
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DB 1 AGGATGGTCTCGATCTC 17

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RESULT 954
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LOCUS          AX692736          17 bp DNA linear PAT 31-MAR-2003
DEFINITION    Sequence 5468 from Patent EPI281758.
ACCESSION     AX692736
VERSION       AX692736.1 GI:29415694
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1
AUTHORS       Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE         Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
               mdz12
JOURNAL       Patent: EP 1281758-A 5468 05-FEB-2003;
               Aeomica, Inc. (US)
FEATURES      Location/Qualifiers
               source
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               /organism="Homo sapiens"
               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"

Query Match          0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCC 2310
DB 1 GGATGGTCTCGATCTCC 17

RESULT 955
AX692737
LOCUS          AX692737          17 bp DNA linear PAT 31-MAR-2003
DEFINITION    Sequence 5469 from Patent EPI281758.
ACCESSION     AX692737
VERSION       AX692737.1 GI:29415695
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1
AUTHORS       Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE         Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
               mdz12
JOURNAL       Patent: EP 1281758-A 5469 05-FEB-2003;
               Aeomica, Inc. (US)
FEATURES      Location/Qualifiers
               source
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               /mol_type="unassigned DNA"
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Query Match          0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2295 GATGGTCTCGATCTCCT 2311
DB 1 GATGGTCTCGATCTCCT 17

RESULT 956
AX692738
LOCUS          AX692738          17 bp DNA linear PAT 31-MAR-2003
DEFINITION    Sequence 5470 from Patent EPI281758.
ACCESSION     AX692738
VERSION       AX692738.1 GI:29415696
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

## REFERENCE

1 Shannon, M., Gu, Y. and Nguyen, C.T.  
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and

## AUTHORS

mdz12  
JOURNAL Patent: EP 1281758-A 5470 05-FEB-2003;

## FEATURES

source  
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/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
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Query Match 0.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
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QY 2296 ATGGTCTCGATCTCTG 2312

Db 1 ATGGTCTCGATCTCTG 17

## RESULT 957

AX692739  
LOCUS AX692739 17 bp DNA linear PAT 31-MAR-2003

DEFINITION Sequence 5471 from Patent EP1281758.

## ACCESSION

AX692739

## VERSION

AX692739.1 GI:29415697

## KEYWORDS

source

1 . .17

/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTGA 2313

Db 1 TGGTCTCGATCTCTGA 17

## Query Match

Best Local Similarity 100.0%; Score 17; DB 1; Length 17;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTGA 2313

Db 1 TGGTCTCGATCTCTGA 17

## RESULT 958

AX692740  
LOCUS AX692740 17 bp DNA linear PAT 31-MAR-2003

DEFINITION Sequence 5472 from Patent EP1281758.

## ACCESSION

AX692740

## VERSION

AX692740.1 GI:29415698

## KEYWORDS

source

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/organism="Homo sapiens"

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Query Match 0.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+03;

QY 2297 TGGTCTCGATCTCTGA 2313

Db 1 TGGTCTCGATCTCTGA 17

## source

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/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGAC 2314

Db 1 GGTCTCGATCTCTGAC 17

## RESULT 959

AX732424  
LOCUS AX732424 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 4058 from Patent WO03025175.

## ACCESSION

AX732424

## VERSION

AX732424.1 GI:30511767

## KEYWORDS

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/organism="Homo sapiens"

/mol\_type="unassigned DNA"

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Query Match 0.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
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## QY

2320 GATCCGCCACCTCGGC 2336

Db 1 GATCCGCCACCTCGGC 17

## Query Match

Best Local Similarity 100.0%; Score 17; DB 1; Length 17;  
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## QY

2320 GATCCGCCACCTCGGC 2336

Db 1 GATCCGCCACCTCGGC 17

## RESULT 960

AX734118/c  
LOCUS AX734118 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 5752 from Patent WO03025175.

## ACCESSION

AX734118

## VERSION

AX734118.1 GI:30513461

## KEYWORDS

source

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/organism="Homo sapiens"

/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+03;

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2320 GATCCGCCACCTCGGC 2336

Db 1 GATCCGCCACCTCGGC 17

## Query Match

Best Local Similarity 100.0%; Score 17; DB 1; Length 17;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2291 CCAGGATCGTCTCGATC 2307  
 Db 17 CCAGGATCGTCTCGATC 1

RESULT 961  
 AX741036/c  
 LOCUS AX741036 17 bp DNA linear PAT 10-MAY-2003  
 DEFINITION Sequence 10 from Patent WO03027328.  
 ACCESSION AX741036  
 VERSION AX741036.1 GI:30523897  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Kirtsen,N.V., Hylidig-Nielsen,J.J. and Williams,B.F.  
 TITLE Methods, kits and compositions pertaining to the suppression of  
 detectable probe binding to randomly distributed repeat sequences  
 in genomic nucleic acid  
 JOURNAL Patent: WO 03027328-A 10 03-APR-2003;  
 Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)  
 FEATURES Location/Qualifiers  
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 /organism="synthetic construct"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"  
 /note="Description of Combined DNA/RNA Molecule:Synthetic  
 Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.7%; Score 17; DB 1; Length 17;  
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 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCCTCAGCCTCCC 2207  
 Db 17 TCCTGCCTCAGCCTCCC 1

RESULT 962  
 AX741048  
 LOCUS AX741048 17 bp DNA linear PAT 10-MAY-2003  
 DEFINITION Sequence 22 from Patent WO03027328.  
 ACCESSION AX741048  
 VERSION AX741048.1 GI:30523909  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Kirtsen,N.V., Hylidig-Nielsen,J.J. and Williams,B.F.  
 TITLE Methods, kits and compositions pertaining to the suppression of  
 detectable probe binding to randomly distributed repeat sequences  
 in genomic nucleic acid  
 JOURNAL Patent: WO 03027328-A 22 03-APR-2003;  
 Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)  
 FEATURES Location/Qualifiers  
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 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"  
 /note="Description of Combined DNA/RNA Molecule:Synthetic  
 Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.7%; Score 17; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1e+03;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCCTCAGCCTCCC 2207  
 Db 1 TCCTGCCTCAGCCTCCC 17

RESULT 963  
 AX081967/c  
 LOCUS AX081967 19 bp DNA linear PAT 27-FEB-2001  
 DEFINITION Sequence 211 from Patent WO0109183.  
 ACCESSION AX081967  
 VERSION AX081967.1 GI:13170774  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.  
 TITLE Polymorphisms in the human mdr-1 gene and their use in diagnostic  
 and therapeutic applications  
 JOURNAL Patent: WO 0109183-A 211 08-FEB-2001;  
 EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)  
 FEATURES Location/Qualifiers  
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 /organism="synthetic construct"  
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 /db\_xref="taxon:32630"  
 /note="r-g or a"

Query Match 0.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 89.5%; Pred. No. 1e+03;  
 Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGGCCACCTC 2333  
 Db 19 CTCGTGATCGGCCCTC 1

RESULT 964  
 AX081969  
 LOCUS AX081969 19 bp DNA linear PAT 27-FEB-2001  
 DEFINITION Sequence 213 from Patent WO0109183.  
 ACCESSION AX081969  
 VERSION AX081969.1 GI:13170776  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.  
 TITLE Polymorphisms in the human mdr-1 gene and their use in diagnostic  
 and therapeutic applications  
 JOURNAL Patent: WO 0109183-A 213 08-FEB-2001;  
 EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)  
 FEATURES Location/Qualifiers  
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 /note="y-c or t"

Query Match 0.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 89.5%; Pred. No. 1e+03;  
 Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGGCCACCTC 2333  
 Db 1 CTCGTGATCGGCCCTC 19

RESULT 965  
 AX081973/c  
 LOCUS AX081973 19 bp DNA linear PAT 27-FEB-2001  
 DEFINITION Sequence 217 from Patent WO0109183.  
 ACCESSION AX081973  
 VERSION AX081973.1 GI:13170780  
 KEYWORDS

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SOURCE          synthetic construct
ORGANISM         synthetic construct
REFERENCE        artificial sequences.
1
AUTHORS          Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I.
TITLE            Polymorphisms in the human mdr-1 gene and their use in diagnostic
                  and therapeutic applications
JOURNAL          Patent: WO 0109183-A 217 08-FEB-2001;
                  EPIDAUS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES
source          Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="y=t or c"

Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCCGACCATTCCTCC 2193
|||||1:|||||
Db 19 CGGGTTCCACCATTCCTCC 1

RESULT 966
AX081975
LOCUS            AX081975 19 bp DNA linear PAT 27-FEB-2001
DEFINITION      Sequence 219 from Patent WO0109183.
ACCESSION       AX081975
VERSION         AX081975.1 GI:13170782
KEYWORDS
SOURCE          synthetic construct
ORGANISM        synthetic construct
REFERENCE        artificial sequences.
1
AUTHORS          Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I.
TITLE            Polymorphisms in the human mdr-1 gene and their use in diagnostic
                  and therapeutic applications
JOURNAL          Patent: WO 0109183-A 219 08-FEB-2001;
                  EPIDAUS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES
source          Location/Qualifiers
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/db_xref="taxon:32630"
/notes="r=a or g"

Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCCGACCATTCCTCC 2193
|||||1:|||||
Db 1 CGGGTTCCACCATTCCTCC 19

RESULT 967
AX081979/c
LOCUS            AX081979 19 bp DNA linear PAT 27-FEB-2001
DEFINITION      Sequence 223 from Patent WO0109183.
ACCESSION       AX081979
VERSION         AX081979.1 GI:13170786
KEYWORDS
SOURCE          synthetic construct
ORGANISM        synthetic construct
REFERENCE        artificial sequences.
1
AUTHORS          Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I.
TITLE            Polymorphisms in the human mdr-1 gene and their use in diagnostic
                  and therapeutic applications
JOURNAL          Patent: WO 0109183-A 223 08-FEB-2001;
                  EPIDAUS AG Biotechnologie Aktiengesellschaft (DE)

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FEATURES
source          Location/Qualifiers
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/db_xref="taxon:32630"
/notes="r=g or a"

Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
|||||1:|||||
Db 19 CTCGTGATCGCCGCTC 1

RESULT 968
AX081981
LOCUS            AX081981 19 bp DNA linear PAT 27-FEB-2001
DEFINITION      Sequence 225 from Patent WO0109183.
ACCESSION       AX081981
VERSION         AX081981.1 GI:13170788
KEYWORDS
SOURCE          synthetic construct
ORGANISM        synthetic construct
REFERENCE        artificial sequences.
1
AUTHORS          Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I.
TITLE            Polymorphisms in the human mdr-1 gene and their use in diagnostic
                  and therapeutic applications
JOURNAL          Patent: WO 0109183-A 225 08-FEB-2001;
                  EPIDAUS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES
source          Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="y=c or t"

Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
|||||1:|||||
Db 1 CTCGTGATCGCCGCTC 19

RESULT 969
AX0706826/c
LOCUS            AX0706826 19 bp DNA linear PAT 04-APR-2003
DEFINITION      Sequence 523 from Patent WO03013534.
ACCESSION       AX0706826
VERSION         AX0706826.1 GI:29563249
KEYWORDS
SOURCE          Homo sapiens (human)
ORGANISM        Homo sapiens
REFERENCE        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS          Heinrich, G. and Kerb, R.
TITLE            Methods for the treatment of cancer with irinotecan based on CYP3A5
JOURNAL          Patent: WO 03013534-A 523 20-FEB-2003;
                  Epidauros Biotechnologie AG (DE)
FEATURES
source          Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/notes="r=a or g"

misc_feature
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Query Match      0.7%; Score 17; DB 1; Length 19;

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Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCCGCCACCTC 2333  
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Db 19 CTCGTGATCGCCGCCCTC 1

RESULT 970  
AX706827  
LOCUS AX706827 19 bp DNA linear PAT 04-APR-2003  
DEFINITION Sequence 524 from Patent WO03013534.  
ACCESSION AX706827  
VERSION AX706827.1 GI:29563250  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5  
JOURNAL Patent: WO 03013534-A 524 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
source 1..19  
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/db\_xref="taxon:9606"  
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Query Match 0.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
QY 2315 CTCGTGATCCGCCACCTC 2333  
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Db 1 CTCGTGATCGCCGCCCTC 19

RESULT 971  
AX706830/c  
LOCUS AX706830 19 bp DNA linear PAT 04-APR-2003  
DEFINITION Sequence 527 from Patent WO03013534.  
ACCESSION AX706830  
VERSION AX706830.1 GI:29563253  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5  
JOURNAL Patent: WO 03013534-A 527 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
source 1..19  
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misc\_feature 10  
/note="y=c or t"

Query Match 0.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
QY 2175 CGGGTTCCACCATCTCC 2193  
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Db 19 CGGGTTACRCCATCTCC 1

RESULT 972  
AX706831  
LOCUS AX706831 19 bp DNA linear PAT 04-APR-2003  
DEFINITION Sequence 528 from Patent WO03013534.  
ACCESSION AX706831  
VERSION AX706831.1 GI:29563254  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5  
JOURNAL Patent: WO 03013534-A 528 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
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/db\_xref="taxon:9606"  
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Query Match 0.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
QY 2175 CGGGTTCCACCATCTCC 2193  
|||||:|||||  
Db 1 CGGGTTACRCCATCTCC 19

RESULT 973  
AX707756/c  
LOCUS AX707756 19 bp DNA linear PAT 04-APR-2003  
DEFINITION Sequence 523 from Patent WO03013536.  
ACCESSION AX707756  
VERSION AX707756.1 GI:29563929  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for treatment of cancer using irinotecan based on UGT1A1  
JOURNAL Patent: WO 03013536-A 523 20-FEB-2003;  
Epidaurus Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
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Query Match 0.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
QY 2315 CTCGTGATCGCCACCTC 2333  
|||||:|||||  
Db 19 CTCGTGATCGCCGCCCTC 1

RESULT 974  
AX707757  
LOCUS AX707757 19 bp DNA linear PAT 04-APR-2003  
DEFINITION Sequence 524 from Patent WO03013536.  
ACCESSION AX707757  
VERSION AX707757.1 GI:29563930



KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for treatment of cancer using irinotecan based on UGT1A1  
JOURNAL Epidauros Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
misc\_feature 10  
/note="y=c or t"

Query Match 0.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333  
|||||:|||||  
Db 1 CTCGTGATCGCCGCGCTC 19

RESULT 975  
AX707760/c  
LOCUS AX707760 19 bp DNA linear PAT 04-APR-2003  
DEFINITION Sequence 527 from Patent WO03013536.  
ACCESSION AX707760  
VERSION AX707760.1 GI:29563933  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Heinrich, G. and Kerb, R.  
TITLE Methods for treatment of cancer using irinotecan based on UGT1A1  
JOURNAL Epidauros Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
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misc\_feature 10  
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Query Match 0.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCGCCACCATCTCC 2193  
|||||:|||||  
Db 19 CGGGTTCACRCCATCTCC 1

RESULT 976  
AX707761  
LOCUS AX707761 19 bp DNA linear PAT 04-APR-2003  
DEFINITION Sequence 528 from Patent WO03013536.  
ACCESSION AX707761  
VERSION AX707761.1 GI:29563934  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Heinrich, G. and Kerb, R.

TITLE Methods for treatment of cancer using irinotecan based on UGT1A1  
JOURNAL Epidauros Biotechnologie AG (DE)  
FEATURES Location/Qualifiers  
source 1..19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
misc\_feature 10  
/note="r=a or g"

Query Match 0.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCGCCACCATCTCC 2193  
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Db 1 CGGGTTCACRCCATCTCC 19

RESULT 977  
AX923729/c  
LOCUS AX923729 19 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 164 from Patent WO03080638.  
ACCESSION AX923729  
VERSION AX923729.1 GI:40216745  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Lacasse, E., Mcmanus, D. and Durkin, J.P.  
TITLE Antisense iap nucleobase oligomers and uses thereof  
JOURNAL Patent: WO 03080638-A 164 02-OCT-2003;  
Aegera Therapeutics Inc. (CA)  
FEATURES Location/Qualifiers  
source 1..19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="based on Homo sapiens. Each nucleobase may be part of a ribonucleotide, deoxyribonucleotide, or nucleotide analog-n = T or U"

Query Match 0.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2189 TCTCTGCTCGCTCAGCCTCC 2206  
|||||:|||||  
Db 19 TCTCTGCTCGCTCAGCCTCC 2

RESULT 978  
AR152875/c  
LOCUS AR152875 20 bp DNA linear PAT 08-AUG-2001  
DEFINITION Sequence 155 from patent US 6235470.  
ACCESSION AR152875  
VERSION AR152875.1 GI:15120407  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Sidransky, D.  
TITLE Detection of neoplasia by analysis of saliva  
JOURNAL Patent: US 6235470-A 155 22-MAY-2001;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.7%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTCAGTGG 2141  
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Db 20 AGGCTGGAGTCAGTGG 4

RESULT 979  
AR162414/C  
LOCUS AR162414 20 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 94 from patent US 6258600.  
ACCESSION AR162414  
VERSION AR162414.1 GI:16229592  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Zhang H. and Cowert, L.M.  
TITLE Antisense modulation of caspase 8 expression  
JOURNAL Patent: US 6258600-A 94 10-JUL-2001;  
FEATURES Location/Qualifiers  
source 1..20

/organism="unknown"  
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Query Match 0.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTCAGTGG 2141  
|||||  
Db 20 AGGCTGGAGTCAGTGG 4

RESULT 980  
AX477118  
LOCUS AX477118 20 bp DNA linear PAT 12-AUG-2002  
DEFINITION Sequence 209 from Patent WO0220848.  
ACCESSION AX477118  
VERSION AX477118.1 GI:22216371  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P.,  
Luis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C.  
TITLE Gene and sequence variation associated with cancer  
JOURNAL Patent: WO 0220848-A 209 14-MAR-2002;  
FEATURES THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)  
Location/Qualifiers  
source 1..20

/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Primer"

Query Match 0.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAAGTCTGGGATTA 2356  
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Db 4 CCAAAGTCTGGGATTA 20

RESULT 981  
AX526494  
LOCUS AX526494 20 bp DNA linear PAT 21-NOV-2002  
DEFINITION Sequence 209 from Patent WO0220847.  
ACCESSION AX526494

VERSION AX526494.1 GI:25171301

KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P.,  
Luis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C.  
TITLE Gene and sequence variation associated with lipid disorder  
JOURNAL Patent: WO 0220847-A 209 14-MAR-2002;  
FEATURES THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)  
Location/Qualifiers  
source 1..20

/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Synthetic Primer"

Query Match 0.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAAGTCTGGGATTA 2356  
|||||  
Db 4 CCAAAGTCTGGGATTA 20

RESULT 982

AX811386

LOCUS AX811386 20 bp DNA linear PAT 02-DEC-2003

DEFINITION Sequence 75 from Patent WO03062469.

ACCESSION AX811386

VERSION AX811386.1 GI:38635608

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Stefansson, S.E.

TITLE Gene matn3 or matrilin-3 linked to osteoarthritis treatment

JOURNAL Patent: WO 03062469-A 75 31-JUL-2003;

FEATURES Decode Genetics EHP. (IS)

Location/Qualifiers

source 1..20

/organism="synthetic construct"

/mol\_type="unassigned DNA"

/db\_xref="taxon:32630"

/note="primer that hybridizes to the human MATN3 gene"

Query Match 0.7%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTG 2167

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Db 3 GCTCACTGCAAGCTCTG 19

RESULT 983

BD134331/c

LOCUS BD134331/c 20 bp DNA linear PAT 18-SEP-2002

DEFINITION Detection of neoplasia by analysis of saliva.

ACCESSION BD134331

VERSION BD134331.1 GI:23229276

KEYWORDS JP 2002505888-A/155.

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Sidlanski, D.

TITLE Detection of neoplasia by analysis of saliva

JOURNAL Patent: JP 2002505888-A 155 26-FEB-2002;

THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

```

COMMENT
OS Artificial Sequence
PN JP 2002503888-A/155
PD 26-FEB-2002
PF 10-MAR-1999 JP 2000535774
PR 10-MAR-1998 US 09/038637
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/68,C12N15/00
CC nucleotide
FT Key Location/Qualifiers
FT :source 1..20
FT :source /organism="Artificial Sequence".
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source
1..20 Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2125 AGGCTGGAGTGCAGTGG 2141
|||||
Db 20 AGGCTGGAGTGCAGTGG 4

RESULT 984
HUMUT5223A
LOCUS 64 bp DNA linear STS 28-DEC-1994
DEFINITION Human STS UM5223, 5' primer bind, sequence tagged site.
ACCESSION L31134
VERSION L31134.1 GI:604619
KEYWORDS STS; PCR primer; STS sequence; dinucleotide repeat; microsatellite
DNA; microsatellite marker; sequence tagged site.
SOURCE Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 64)
AUTHORS Gerken,S.C., Matsunami,N., Plaetke,R., Albertsen,H., Ballard,L.,
Melis,R., Lawrence,E., Moore,M., Holik,P.R., Carlson,M., Zhao,X.,
Robertson,M., Bradley,P., Elsner,T., Tingey,A., Lalouel,J.-M. and
White,R.
TITLE Genetic and physical mapping of simple sequence repeat containing
sequence tagged sites from the human genome
JOURNAL Unpublished (1994)
COMMENT Original source text: Homo sapiens DNA.
Submitted by: Utah Center for Human Genome Research University of
Utah, Dept. of Human Genetics
2160 Eccles Institute of Human Genetics
Salt Lake City, UT 84112
e-mail: sts@corona.med.utah.edu
Primer A: CACTGCACCTCCAGGCTGGG
Primer B: AGGTGGAGCTGCAGTGAGC
End to Label: Primer B
PCR Profile:
Initial Denaturation: 94C 300sec
Cycles Denaturation Annealing Extension 5 94
50 C 10 sec. 72 C 20 sec. 30
Gel: Acrylamide 7%, Formamide 32%, Urea 34%
Alleles: 0.
FEATURES
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1..64 Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
5..23
/evidence=experimental
primer_bind
Query Match 0.7%; Score 17; DB 1; Length 64;
Best Local Similarity 61.9%; Pred. No. 9.7e+02;
Matches 26; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

OS Artificial Sequence
PN JP 2002503888-A/155
PD 26-FEB-2002
PF 10-MAR-1999 JP 2000535774
PR 10-MAR-1998 US 09/038637
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/68,C12N15/00
CC nucleotide
FT Key Location/Qualifiers
FT :source 1..20
FT :source /organism="Artificial Sequence".
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source
1..20 Location/Qualifiers
/organism="synthetic construct"
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/db_xref="taxon:32630"
Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2125 AGGCTGGAGTGCAGTGG 2141
|||||
Db 20 AGGCTGGAGTGCAGTGG 4

RESULT 984
HUMUT5223A
LOCUS 64 bp DNA linear STS 28-DEC-1994
DEFINITION Human STS UM5223, 5' primer bind, sequence tagged site.
ACCESSION L31134
VERSION L31134.1 GI:604619
KEYWORDS STS; PCR primer; STS sequence; dinucleotide repeat; microsatellite
DNA; microsatellite marker; sequence tagged site.
SOURCE Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 64)
AUTHORS Gerken,S.C., Matsunami,N., Plaetke,R., Albertsen,H., Ballard,L.,
Melis,R., Lawrence,E., Moore,M., Holik,P.R., Carlson,M., Zhao,X.,
Robertson,M., Bradley,P., Elsner,T., Tingey,A., Lalouel,J.-M. and
White,R.
TITLE Genetic and physical mapping of simple sequence repeat containing
sequence tagged sites from the human genome
JOURNAL Unpublished (1994)
COMMENT Original source text: Homo sapiens DNA.
Submitted by: Utah Center for Human Genome Research University of
Utah, Dept. of Human Genetics
2160 Eccles Institute of Human Genetics
Salt Lake City, UT 84112
e-mail: sts@corona.med.utah.edu
Primer A: CACTGCACCTCCAGGCTGGG
Primer B: AGGTGGAGCTGCAGTGAGC
End to Label: Primer B
PCR Profile:
Initial Denaturation: 94C 300sec
Cycles Denaturation Annealing Extension 5 94
50 C 10 sec. 72 C 20 sec. 30
Gel: Acrylamide 7%, Formamide 32%, Urea 34%
Alleles: 0.
FEATURES
source
1..64 Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
5..23
/evidence=experimental
primer_bind
Query Match 0.7%; Score 17; DB 1; Length 64;
Best Local Similarity 61.9%; Pred. No. 9.7e+02;
Matches 26; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 2114 CTCTGTTACCCAGGCTGGAGTGCAGTGGTGTGATCTTTGGCTCA 2155
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Db 5 CACTGCACTCCAGGCTGGGGGAGCAGAGCAAGCACTCTGTCTCA 46

RESULT 985
AR086204
LOCUS 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 25 from patent US 5985558.
ACCESSION AR086204
VERSION AR086204.1 GI:10012970
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
TITLE Antisense oligonucleotide compositions and methods for the
inhibition of c-Jun and c-Fos
JOURNAL Patent: US 5985558-A 25 16-NOV-1999;
FEATURES Location/Qualifiers
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source /organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2326 CCCACCTCGGCTCCCAAAG 2345
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Db 1 CCTGCCTCGGCTCCCAAAG 20

RESULT 986
AR112674/c
LOCUS 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 38 from patent US 6130088.
ACCESSION AR112674
VERSION AR112674.1 GI:14092574
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of telomeric repeat binding factor 1
expression
JOURNAL Patent: US 6130088-A 38 10-OCT-2000;
FEATURES Location/Qualifiers
1..20
source /organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2261 TTTAGTAGACAGCGGTTTC 2280
|||||
Db 20 TTTAGTAGACGCGGTTTC 1

RESULT 987
AR124511/c
LOCUS 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 80 from patent US 6171860.
ACCESSION AR124511
VERSION AR124511.1 GI:14109872
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.

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Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of rank expression
JOURNAL Patent: US 6171860-A 80 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACTCGGCTCCCAAG 2345
Db 20 CCAGCTCGGCTCCCAAG 1

RESULT 988
AR124512/c
LOCUS 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 81 from patent US 6171860.
ACCESSION AR124512
VERSION AR124512.1 GI:14109873
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of rank expression
JOURNAL Patent: US 6171860-A 81 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTGCTGGATTACAGGCATG 2364
Db 20 GTACTGGATTACAGGCATG 1

RESULT 989
AR152855/c
LOCUS 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 135 from patent US 6235470.
ACCESSION AR152855
VERSION AR152855.1 GI:15120387
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky,D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: US 6235470-A 135 22-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTTACCCAGGCT 2129
Db 20 CTTGCTTTGTACCCAGGCT 1

Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of rank expression
JOURNAL Patent: US 6171860-A 80 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACTCGGCTCCCAAG 2345
Db 20 CCAGCTCGGCTCCCAAG 1

RESULT 988
AR124512/c
LOCUS 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 81 from patent US 6171860.
ACCESSION AR124512
VERSION AR124512.1 GI:14109873
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of rank expression
JOURNAL Patent: US 6171860-A 81 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTGCTGGATTACAGGCATG 2364
Db 20 GTACTGGATTACAGGCATG 1

RESULT 989
AR152855/c
LOCUS 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 135 from patent US 6235470.
ACCESSION AR152855
VERSION AR152855.1 GI:15120387
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky,D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: US 6235470-A 135 22-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTTACCCAGGCT 2129
Db 20 CTTGCTTTGTACCCAGGCT 1

Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J. and Monia,B.P.
TITLE Antisense oligonucleotide modulation of human mdm2 expression
JOURNAL Patent: US 6238921-A 26 29-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
Db 20 TTTACATGTATAAGAAGCT 1

RESULT 991
AR162415/c
LOCUS 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 95 from patent US 6258600.
ACCESSION AR162415
VERSION AR162415.1 GI:16229593
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zhang,H. and Cowseert,L.M.
TITLE Antisense modulation of caspase 8 expression
JOURNAL Patent: US 6258600-A 95 10-JUL-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2144 GATCTTGGCTCACTGCAGC 2163
Db 20 GATCTCGGCTCACCGAAGC 1

RESULT 992
AR176770
LOCUS 20 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 25 from patent US 6312900.
ACCESSION AR176770
VERSION AR176770.1 GI:17919125
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
TITLE Antisense oligonucleotide compositions and methods for the
JOURNAL Patent: US 6312900-A 25 06-NOV-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2144 GATCTTGGCTCACTGCAGC 2163
Db 20 GATCTCGGCTCACCGAAGC 1

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Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2229 TGTGCCACACACCTGGCTA 2248  
Db 1 TGTGCCACTACACCTGGCTA 20

## RESULT 997

LOCUS CQ784102 20 bp DNA linear PAT 17-MAR-2004  
DEFINITION Sequence 4242 from Patent EP1396543.  
ACCESSION CQ784102  
VERSION CQ784102.1 GI:45538590  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y.,  
Wakamatsu, A., Sugiyama, T., Negai, K., Kojima, S., Otsuki, T. and  
Koga, H.  
TITLE Primers for synthesizing full length cDNA clones and their use  
JOURNAL Patent: EP 1396543-A 4242 10-MAR-2004;  
Research Association for Biotechnology (JP)  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: an artificially  
synthesized primer se q uence"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGCGGTTCAC 2281  
Db 1 TTAGTAGACAGCGGTTCAC 20

## RESULT 998

LOCUS CQ786093/c 20 bp DNA linear PAT 24-MAR-2004  
DEFINITION Sequence 17 from Patent WO2004018711.  
ACCESSION CQ786093  
VERSION CQ786093.1 GI:45721196  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Ming-Qing, D.  
TITLE Diagnostic test  
JOURNAL Patent: WO 2004018711-A 17 04-MAR-2004;  
University College London (GB)  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="primer for amplification of D3S1611"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2337 CTCCTCAAGTCTGGGATTA 2356  
Db 20 CTCCTCAAGTCTGGGATTA 1

## RESULT 999

LOCUS AR205392 20 bp DNA linear PAT 20-JUN-2002  
DEFINITION Sequence 76 from patent US 6368856.  
ACCESSION AR205392  
VERSION AR205392.1 GI:21502963  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Monia, B. P. and Wyatt, J.  
TITLE Antisense inhibition of Phosphorylase kinase beta expression  
JOURNAL Patent: US 6368856-A 76 09-APR-2002;  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGT 2134  
Db 1 TCTGTCACCCAGGCTGGTGT 20

## RESULT 1000

LOCUS AR215876/c 20 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 17 from patent US 6410325.  
ACCESSION AR215876  
VERSION AR215876.1 GI:23314132  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Bennett, C. F., Freier, S. M. and Watt, A. T.  
TITLE Antisense modulation of phospholipase A2, group VI  
(Ca2+-independent) expression  
JOURNAL Patent: US 6410325-A 17 25-JUN-2002;  
FEATURES  
Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363  
Db 20 AGTGCTGGGATTACAGGTAT 1

## RESULT 1001

LOCUS AR271780/c 20 bp DNA linear PAT 10-APR-2003  
DEFINITION Sequence 24 from patent US 6503754.  
ACCESSION AR271780  
VERSION AR271780.1 GI:29703348  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Zhang, H. and Wyatt, J.  
TITLE Antisense modulation of BH3 interacting domain death agonist  
expression  
JOURNAL Patent: US 6503754-A 24 07-JAN-2003;  
FEATURES  
Location/Qualifiers

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Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2193 CTGCCTCAGCTCCCAATTA 2212
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Db 20 CTGCCTCAGCTCCCGAGTA 1

RESULT 1002
AR337146
LOCUS AR337146 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 71 from patent US 6566135.
ACCESSION AR337146
VERSION AR337146.1 GI:33723000
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source 1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2325 GCCACCTCGGCTCCCAA 2344
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Db 1 GCCACCTTGGACTCCCAA 20

RESULT 1003
AR370249/c
LOCUS AR370249 20 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 70 from patent US 6300132.
ACCESSION AR370249
VERSION AR370249.1 GI:34606755
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2272 CAGGTTTACCGTTTACG 2291
|||||
Db 20 CCGGGTTTACCGTTTGGC 1

RESULT 1004
AR370251/c
LOCUS AR370251 20 bp DNA linear PAT 12-SEP-2003

DEFINITION Sequence 72 from patent US 6300132.
ACCESSION AR370251
VERSION AR370251.1 GI:34606757
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
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/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2323 CCGCCACCTCGGCTCCCA 2342
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Db 20 CCACCACTCGGCTCCCA 1

RESULT 1005
AR180379/c
LOCUS AR180379 20 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 16 from Patent WO0146260.
ACCESSION AR180379
VERSION AR180379.1 GI:15132316
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
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/mol_type="unassigned DNA"
/db_xref="taxon:32830"
/note="UNF14 PRIMER"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2350 GGGATTACAGCATGAGCCA 2369
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Db 20 GGGATTACAGGTGTGAGCCA 1

RESULT 1006
AX195352/c
LOCUS AX195352 20 bp DNA linear PAT 28-AUG-2001
DEFINITION Sequence 56 from Patent WO0151631.
ACCESSION AX195352
VERSION AX195352.1 GI:15385901
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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Reske-Kunz, Angelika (DE) ; Ross, Xiaolan (DE) ; Ross, Ralf (DE) ;  
 Bros, Matthias (DE)  
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 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="artificial sequence"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2317 CCGTATCGCCGCTCGGC 2336  
 Db 20 CATGATCGCCGCTCGGC 1

## RESULT 1007

LOCUS AX657318 20 bp DNA linear PAT 22-MAR-2003  
 DEFINITION Sequence 31 from Patent WO02100896.  
 ACCESSION AX657318  
 VERSION AX657318.1 GI:29160058  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 artificial sequences.  
 REFERENCE 1  
 AUTHORS dalla Venezia, N.L., Magnard, C.M., Lenoir, G.M. and Sinelnikova-Brard, O.  
 TITLE Method for diagnosing cancer susceptibility  
 JOURNAL Patent: WO 02100896-A 31 19-DEC-2002;  
 CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR);  
 UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)  
 FEATURES  
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 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="amorce PCR"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTGTGGAT 2354  
 Db 1 GCCTCCCAAGTGTGGAT 20

## RESULT 1008

LOCUS AX962284 20 bp DNA linear PAT 14-JAN-2004  
 DEFINITION Sequence 2 from Patent WO03104487.  
 ACCESSION AX962284  
 VERSION AX962284.1 GI:40881559  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 artificial sequences.  
 REFERENCE 1  
 AUTHORS Petronis, A.  
 TITLE Detection of epigenetic abnormalities and diagnostic method based thereon  
 JOURNAL Patent: WO 03104487-A 2 18-DEC-2003;  
 Centre For Addiction and Mental Health (CA)  
 FEATURES  
 source  
 1. .20  
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 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="primer 'Alu For' (see Example 1)"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 AAAGTGTGGGATTACAGGC 2361  
 Db 20 AAAGTGTGGGATTACAGGC 1

## RESULT 1009

LOCUS BD073986/c 20 bp DNA linear PAT 27-AUG-2002  
 DEFINITION Antisense oligonucleotide specific to MDM2.  
 ACCESSION BD073986  
 VERSION BD073986.1 GI:22619589  
 KEYWORDS JP 2001513996-A/25.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.

REFERENCE 1 (bases 1 to 20)  
 AUTHORS Chen, J., Agrawal, S. and Zhang, R.  
 TITLE Antisense oligonucleotide specific to MDM2  
 JOURNAL Patent: JP 2001513996-A 25 11-SEP-2001;  
 HYBRIDON INC

## COMMENT

OS Unidentified  
 FN JP 2001513996-A/25  
 PD 11-SEP-2001  
 PF 18-AUG-1998 JP 2000507794  
 PR 22-AUG-1997 US 08/916384, 06-MAY-1998 US 09/073567 PI  
 JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG  
 PC C12N15/09, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00,  
 CC C12N15/00  
 CC Strandedness: Both;  
 CC Topology: Linear;  
 CC Antisense oligonucleotide specific to MDM2  
 FH Key Location/Qualifiers  
 FT source  
 1. .20  
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 /db\_xref="taxon:32644"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GTGAGTGAGACAGGTGTC 694  
 Db 20 GTGAGTGAGACAGGTGTC 1

## RESULT 1010

LOCUS BD089017/c 20 bp DNA linear PAT 27-AUG-2002  
 DEFINITION A method of arraying genome clone.  
 ACCESSION BD089017  
 VERSION BD089017.1 GI:22634627  
 KEYWORDS JP 2001321190-A/1261.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 artificial sequences.  
 REFERENCE 1 (bases 1 to 20)  
 AUTHORS Soeda, E.

TITLE A method of arraying genome clone  
 JOURNAL Patent: JP 2001321190-A 1261 20-NOV-2001;  
 THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

## COMMENT

GENOTECHS  
 OS Artificial Sequence  
 FN JP 2001321190-A/1261  
 PD 20-NOV-2001



PF 12-MAR-2001 JP 2001068285  
 PI EIICHI SOEDA  
 PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC  
 C12N15/00,  
 PC C12N15/00  
 CC Description of Artificial Sequence:Synthetic DNA FH Key  
 Location/Qualifiers  
 FT source 1..20  
 FT Location/Qualifiers

FEATURES  
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 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2231 TGCACACACCTGGCTTAAT 2250

Db 20 TGCATCATCCTGGATAAT 1

## RESULT 1011

BD128026  
 LOCUS  
 DEFINITION Primer for synthesizing full-length cDNA linear PAT 18-SEP-2002  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM

REFERENCE  
 AUTHORS  
 TITLE  
 JOURNAL  
 COMMENT

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2231 TGCACACACCTGGCTTAAT 2250

Db 20 TGCATCATCCTGGATAAT 1

BD128026  
 LOCUS  
 DEFINITION Primer for synthesizing full-length cDNA linear PAT 18-SEP-2002  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM

REFERENCE  
 AUTHORS  
 TITLE  
 JOURNAL  
 COMMENT

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGCGTTTCA 2281

Db 1 TTAGTAGACAGCGTTTCA 20

## RESULT 1012

BD134311/c  
 LOCUS  
 DEFINITION Detection of neoplasia by analysis of saliva linear PAT 18-SEP-2002  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM

REFERENCE  
 AUTHORS  
 TITLE  
 JOURNAL  
 COMMENT

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTATCCAGGCT 2129

Db 20 CTTGCTTTGTACCCAGGCT 1

## RESULT 1013

BD138100/c  
 LOCUS  
 DEFINITION Antisense modulation of human MDM2 expression linear PAT 18-SEP-2002  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM

REFERENCE  
 AUTHORS  
 TITLE  
 JOURNAL  
 COMMENT

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTATCCAGGCT 2129

Db 20 CTTGCTTTGTACCCAGGCT 1

BD138100  
 LOCUS  
 DEFINITION Antisense modulation of human MDM2 expression linear PAT 18-SEP-2002  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM

REFERENCE  
 AUTHORS  
 TITLE  
 JOURNAL  
 COMMENT

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTATCCAGGCT 2129

Db 20 CTTGCTTTGTACCCAGGCT 1

BD138100  
 LOCUS  
 DEFINITION Antisense modulation of human MDM2 expression linear PAT 18-SEP-2002  
 ACCESSION  
 VERSION  
 KEYWORDS  
 SOURCE  
 ORGANISM

REFERENCE  
 AUTHORS  
 TITLE  
 JOURNAL  
 COMMENT

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTATCCAGGCT 2129

Db 20 CTTGCTTTGTACCCAGGCT 1

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Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTACATGTGCAAGAGCT 1714
|||||
Db 20 TTACATGTATAGAAGCT 1

RESULT 1014
AR154017/c
LOCUS AR154017 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 67 from patent US 6238863.
ACCESSION AR154017
VERSION AR154017.1 GI:15122070
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 21)
AUTHORS Schumm,J.W. and Bacher,J.W.
TITLE Materials and methods for indentifying and analyzing intermediate
  tandem repeat DNA markers
JOURNAL Patent: US 6238863-A 67 29-MAY-2001;
FEATURES
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    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCCAGGCTG 2130
|||||
Db 20 TTGCTCTGTACCCAGGCTG 1

RESULT 1015
AR154062/c
LOCUS AR154062 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 112 from patent US 6238863.
ACCESSION AR154062
VERSION AR154062.1 GI:15122115
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 21)
AUTHORS Schumm,J.W. and Bacher,J.W.
TITLE Materials and methods for indentifying and analyzing intermediate
  tandem repeat DNA markers
JOURNAL Patent: US 6238863-A 112 29-MAY-2001;
FEATURES
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Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTATACCCA 2125
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Db 20 GAGTCTTACTCTGTGTGCCA 1

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RESULT 1016
AR183700/c
LOCUS AR183700 21 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 1453 from Patent WO0142511.
ACCESSION AR183700
VERSION AR183700.1 GI:15135022
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
  1
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1453 14-JUN-2001;
  WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipseis
  Biotherapeutics Corporation (CA)
FEATURES
  source
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    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGTCTTGCTC 2116
|||||
Db 21 TTNGAGACAGAGTCTAGCTC 1

RESULT 1017
BD056594/c
LOCUS BD056594 21 bp DNA linear PAT 27-AUG-2002
DEFINITION Method to diagnose and treat pathological conditions resulting from
  deficient ion transport.
ACCESSION BD056594
VERSION BD056594.1 GI:22602200
KEYWORDS JP 2001508291-A/51.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
  1 (bases 1 to 21)
AUTHORS Lifton,R.P. and Simon,D.B.
TITLE Method to diagnose and treat pathological conditions resulting from
  deficient ion transport
JOURNAL Patent: JP 2001508291-A 51 26-JUN-2001;
  YALE UNIVERSITY
COMMENT OS Artificial Sequence
  PN JP 2001508291-A/51
  DP 26-JUN-2001
  PP 19-DEC-1997 JP 1998530123
  PR 31-DEC-1996 US 08/778052
  PI RICHARD P LIFTON,DAVID B SIMON
  PC C12N15/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21, PC
  C12N5/10,
  PC C12P21/02,C12Q1/68,G01N33/53,C12N15/00,C12N5/00 CC Primer
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FH Key Location/Qualifiers.
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    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGT 2119

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Query Match	0.7%	Score 16.4;	DB 1;	Length 18;
Best Local Similarity	94.4%	Pred. No. 1.1e+03;		
Matches 17: Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

<b>Qy</b>	2353	ATTACAGGCATGAGCCAC	2370
<b>D<sub>b</sub></b>	18	ATTACAGGCATGCGCCAC	1

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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

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Query Match 0.7%; Score 16.4; DB 1; Length 18;  
 Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2174 CCGGTTTCGACCATCT 2191  
 DB 18 CCGGTTTCACCATCT 1

RESULT 1031  
 AX116035  
 LOCUS AX116035 18 bp DNA PAT 11-MAY-2001  
 DEFINITION Sequence 1158 from Patent WO0129262.  
 ACCESSION AX116035  
 VERSION AX116035.1 GI:14032977  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Picoult-Newburg,L. and Pohl,M.  
 TITLE Genotyping reagents, kits and methods of use thereof  
 JOURNAL Patent: WO 0129262-A 1158 26-APR-2001;  
 Orchard BioSciences, Inc. (US)  
 FEATURES Location/Qualifiers  
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 /db\_xref="taxon:32630"  
 /note="Primer"

Query Match 0.7%; Score 16.4; DB 1; Length 18;  
 Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 TGATCCGCCACCTCGGC 2336  
 DB 1 TGATCTGCCACCTCGGC 18

RESULT 1032  
 AX116663/c  
 LOCUS AX116663 18 bp DNA PAT 11-MAY-2001  
 DEFINITION Sequence 1786 from Patent WO0129262.  
 ACCESSION AX116663  
 VERSION AX116663.1 GI:14033605  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Picoult-Newburg,L. and Pohl,M.  
 TITLE Genotyping reagents, kits and methods of use thereof  
 JOURNAL Patent: WO 0129262-A 1786 26-APR-2001;  
 Orchard BioSciences, Inc. (US)  
 FEATURES Location/Qualifiers  
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 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:32630"  
 /note="Primer"

Query Match 0.7%; Score 16.4; DB 1; Length 18;  
 Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGACC 2368  
 DB 18 GGATTACAGGCGTGAGCC 1

RESULT 1033  
 AX118235/c

LOCUS AX118235 18 bp DNA PAT 11-MAY-2001  
 DEFINITION Sequence 3358 from Patent WO0129262.  
 ACCESSION AX118235  
 VERSION AX118235.1 GI:14035186  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Picoult-Newburg,L. and Pohl,M.  
 TITLE Genotyping reagents, kits and methods of use thereof  
 JOURNAL Patent: WO 0129262-A 3358 26-APR-2001;  
 Orchard BioSciences, Inc. (US)  
 FEATURES Location/Qualifiers  
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 /db\_xref="taxon:32630"  
 /note="Primer"

Query Match 0.7%; Score 16.4; DB 1; Length 18;  
 Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGGCATG 2364  
 DB 18 GCTGGGATGACAGGCATG 1

RESULT 1034  
 AX118471  
 LOCUS AX118471 18 bp DNA PAT 11-MAY-2001  
 DEFINITION Sequence 3594 from Patent WO0129262.  
 ACCESSION AX118471  
 VERSION AX118471.1 GI:14035422  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.  
 REFERENCE 1  
 AUTHORS Picoult-Newburg,L. and Pohl,M.  
 TITLE Genotyping reagents, kits and methods of use thereof  
 JOURNAL Patent: WO 0129262-A 3594 26-APR-2001;  
 Orchard BioSciences, Inc. (US)  
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 /mol\_type="unassigned DNA"  
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 /note="Primer"

Query Match 0.7%; Score 16.4; DB 1; Length 18;  
 Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GCCCACCCTCGGCTCCCA 2342  
 DB 1 GCCCACCCTTGGCCTCCCA 18

RESULT 1035  
 AX412182/c  
 LOCUS AX412182 18 bp DNA PAT 14-JUN-2002  
 DEFINITION Sequence 8 from Patent WO0222879.  
 ACCESSION AX412182  
 VERSION AX412182.1 GI:21444640  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens  
 ORGANISM Mammalia; Eutheria; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE 1  
 AUTHORS Bacher,J.W., Flanagan,L. and Nassif,N.

TITLE Detection of microsatellite instability and its use in diagnosis of tumors  
JOURNAL Patent: WO 022879-A 8 21-MAR-2002;  
PROMEGA CORPORATION (US)  
FEATURES Location/Qualifiers  
source 1. .18  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="MONO-15 primer"

Query Match 0.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2152 CTCACCTGAAGCTCTGCC 2169  
Db 18 CTCACCTGAAGCTCCGCC 1  
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RESULT 1036  
AX598742/c  
LOCUS AX598742 18 bp DNA linear PAT 14-FEB-2003  
DEFINITION Sequence 82 from Patent WO02077272.  
ACCESSION AX598742  
VERSION AX598742.1 GI:28398880  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Berlin,K., Braun,A., Distler,J., Guetig,D., Howe,A., Mueller,J., Olek,A., Piepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Leu,E., Lewin,A., Lipscher,E., Maier,S., Model,F., Mueller,V., Otto,T., Peier,C. and Ziebarth,H.  
TITLE Methods and nucleic acids for the analysis of hematopoietic cell proliferative disorders  
JOURNAL Patent: WO 02077272-A 82 03-OCT-2002;  
Epigenomics AG (DE)  
FEATURES Location/Qualifiers  
source 1. .18  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2143 TGATCTTGGCTCACTGCA 2160  
Db 18 TGATCTCGGCTCACTGCA 1  
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RESULT 1037  
AX708864/c  
LOCUS AX708864 18 bp DNA linear PAT 04-APR-2003  
DEFINITION Sequence 46 from Patent WO02101045.  
ACCESSION AX708864  
VERSION AX708864.1 GI:29564594  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Patapoutian,A., Song,C., Ganju,P., Peier,A., McIntyre,P. and Bevan,S.  
TITLE Vanilloid receptor-related nucleic acids and polypeptides  
JOURNAL Patent: WO 02101045-A 46 19-DEC-2002;  
Novartis AG (CH); IRM LLC (BM)  
FEATURES Location/Qualifiers  
source 1. .18

/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Oligonucleotide primer"

Query Match 0.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2117 TGTACCAGGCTGGAGT 2134  
Db 18 TGTACCAGGCTGGAGT 1  
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RESULT 1038  
AX741030  
LOCUS AX741030 18 bp DNA linear PAT 10-MAY-2003  
DEFINITION Sequence 4 from Patent WO03027328.  
ACCESSION AX741030  
VERSION AX741030.1 GI:30523891  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J. and Williams,B.F.  
TITLE Methods, kits and compositions pertaining to the suppression of detectable probe binding to randomly distributed repeat sequences in genomic nucleic acid  
JOURNAL Patent: WO 03027328-A 4 03-APR-2003;  
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)  
FEATURES Location/Qualifiers  
source 1. .18  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
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/notes="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGCGCATG 2364  
Db 1 GCTGGATTACAGCGCGTG 18  
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RESULT 1039  
AX741042/c  
LOCUS AX741042 18 bp DNA linear PAT 10-MAY-2003  
DEFINITION Sequence 16 from Patent WO03027328.  
ACCESSION AX741042  
VERSION AX741042.1 GI:30523903  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J. and Williams,B.F.  
TITLE Methods, kits and compositions pertaining to the suppression of detectable probe binding to randomly distributed repeat sequences in genomic nucleic acid  
JOURNAL Patent: WO 03027328-A 16 03-APR-2003;  
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)  
FEATURES Location/Qualifiers  
source 1. .18  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"  
/notes="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"

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Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
DB 18 GCTGGGATTACAGGCGTG 1

RESULT 1040
LOCUS AX183701/c 19 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 1454 from Patent WO0142511.
ACCESSION AX183701
VERSION AX183701.1 GI:15135024
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1454 14-JUN-2001;
COMMENT WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
OTHER PUBLICATION AU 7635096 19970611
FEATURES
source Location/Qualifiers
1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACGACATGAGCCAC 2370
DB 19 ATTACGACATGAGCCAC 2

RESULT 1041
LOCUS AX183701/c 19 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 1454 from Patent WO0142511.
ACCESSION AX183701
VERSION AX183701.1 GI:15135024
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1454 14-JUN-2001;
COMMENT WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
OTHER PUBLICATION AU 7635096 19970611
FEATURES
source Location/Qualifiers
1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2251 TTTTGTACTTTTAGTAGA 2269
DB 19 TTTTGTATNTTAGTAGA 1

RESULT 1042
LOCUS AX183900/c 19 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 1653 from Patent WO0142511.
ACCESSION AX183900
VERSION AX183900.1 GI:15135231
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1653 14-JUN-2001;
COMMENT WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
OTHER PUBLICATION AU 7635096 19970611
FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2094 TTTTGTGAGACCGAGTCTT 2112
DB 19 TTTTGTGAGACGAGTCTT 1

RESULT 1043
LOCUS BD102660/c 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Chimera animal.
ACCESSION BD102660
VERSION BD102660.1 GI:22648234
KEYWORDS WO 0187059-A/2.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Mukaidani,C., Yoshizato,K. and Furukawa,T.
TITLE Chimera animal
JOURNAL Patent: WO 0187059-A 2 22-NOV-2001;
COMMENT JAPAN SCIENCE AND TECHNOLOGY CORP, CHISE MUKAIDANI, KATSUTOSHI
YOSHIZATO, TOSHINORI FURUKAWA
OS Artificial Sequence
PN WO 0187059-A/2
PD 22-NOV-2001
PF 18-MAY-2001 WO 2001JP004193
PR 19-MAY-2000 JP 00P 149079
PT CHISE MUKAIDANI, KATSUTOSHI YOSHIZATO, TOSHINORI FURUKAWA
A01K67/027, G01N33/50, G01N33/15
CC Description of Artificial Sequence: Synthesized CC
oligonucleotide
FH Key Location/Qualifiers
FT source 1..19
FT /organism="Artificial Sequence".

FEATURES
source Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2190 CTCCTGCCTCAGCCTCCC 2207
DB 19 CTCCTGCCTCAGCCTCCC 1

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Db      19 CTCCTGCTCAGTCTCCC 2

RESULT 1044
LOCUS   BD137510
DEFINITION Chimera animal.
ACCESSION BD137510
VERSION   BD137510.1 GI:23232455
KEYWORDS JP 2002045087-A/2.
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS  Mukaidani, C., Yoshizato, K. and Furukawa, T.
TITLE    Chimera animal
JOURNAL  Patent: JP 2002045087-A 2 12-FEB-2002;
        JAPAN SCIENCE AND TECHNOLOGY CORP., HIROSHIMA INDUSTRIAL TECHNOLOGY
        ORGANIZATION
COMMENT  OS Artificial Sequence
        PN JP 2002045087-A/2
        PD 12-FEB-2002
        PF 18-MAY-2001 JP 2001150098
        PI CHISE MUKAIDANI, KATSUTOSHI YOSHIKATO, TOSHINORI FURUKAWA
        A01K67/027, C12N15/09, C12Q1/02, G01N33/15, G01N33/50// (C12Q1/02, PC
        C12R1:91),
        PC C12N15/00
        CC Description of Artificial Sequence: Synthesized CC
        FH Key Location/Qualifiers
        FT source 1..19
        FT Location/Qualifiers
        FT /organism='Artificial Sequence'.

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1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2190 CTCCTGCTCAGTCTCCC 2207
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Db      19 CTCCTGCTCAGTCTCCC 2

RESULT 1045
LOCUS   AR011709
DEFINITION Sequence 19 from patent US 5763168.
ACCESSION AR011709
VERSION   AR011709.1 GI:3969699
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS  Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P., Soubrier, F.,
        Kotelevtsev, Y. and Corvol, P.
TITLE    Method to determine predisposition to hypertension
JOURNAL  Patent: US 5763168-A 19 09-JUN-1998;
        Location/Qualifiers
FEATURES
source
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
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Db      18 CCCAGGCTGGAGTGCAGT 1

RESULT 1046
LOCUS   AR092309/c
DEFINITION Sequence 19 from patent US 5998145.
ACCESSION AR092309
VERSION   AR092309.1 GI:10019063
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS  Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P., Soubrier, F.,
        Kotelevtsev, Y. and Corvol, P.
TITLE    Method to determine predisposition to hypertension
JOURNAL  Patent: US 5998145-A 19 07-DEC-1999;
        Location/Qualifiers
FEATURES
source
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
|||||
Db      18 CCCAGGCTGGAGTGCAGT 1

RESULT 1047
LOCUS   AR119526/c
DEFINITION Sequence 19 from patent US 6153386.
ACCESSION AR119526
VERSION   AR119526.1 GI:14102225
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS  Lalouel, J.-M. and Jeunemaitre, X.
TITLE    Method to determine predisposition to hypertension
JOURNAL  Patent: US 6153386-A 19 28-NOV-2000;
        Location/Qualifiers
FEATURES
source
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
|||||
Db      18 CCCAGGCTGGAGTGCAGT 1

RESULT 1048
LOCUS   AR122443/c
DEFINITION Sequence 19 from patent US 6165727.
ACCESSION AR122443
VERSION   AR122443.1 GI:14106760
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS  Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P., Soubrier, F.,
        Kotelevtsev, Y. and Corvol, P.

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TITLE	Method to determine predisposition to hypertension
JOURNAL	Patent: US 6165727-A 19 26-DEC-2000;
FEATURES	Location/Qualifiers
source	1..20
/organism="unknown"	
/mol_type="unassigned DNA"	
Query Match	0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity	94.4%; Pred. No. 1.1e+03;
Matches	17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy	2122 CCGAGCTGGAGTGCAGT 2139 
Db	18 CCGAGCTGGAGTGCAGT 1
RESULT 1049	
BD217343/c	
LOCUS	20 bp DNA linear PAT 17-JUL-2003
DEFINITION	Method of quantifying hypertensive constitution.
ACCESSION	BD217343
VERSION	BD217343.1 GI:33027113
KEYWORDS	JP 2002519012-A/19.
SOURCE	Homo sapiens (human)
ORGANISM	
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 20) Lalouel,J.M. and Jeunemaitre,X. Method of quantifying hypertensive constitution Patent: JP 2002519012-A 19 02-JUL-2002; UNIVERSITY OF UTAH RESEARCH FOUNDATION OS Homo sapiens (human) PN JP 2002519012-A/19 PD 02-JUL-2002 PF 13-APR-1999 JP 2000577000 PR 29-JUN-1998 US 09/106216 PI JEAN MARC LALOUEL,XAVIER JEUNEMAITRE PC C12Q1/68,C12N15/09,C12N15/00 CC Method of quantifying hypertensive constitution FH Key FT Location/Qualifiers FT source 1..20 /organism='Homo sapiens (human)'. Location/Qualifiers 1..20 /organism='Homo sapiens' /mol_type='genomic DNA' /db_xref='taxon:9606'	
Query Match	0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity	94.4%; Pred. No. 1.1e+03;
Matches	17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy	2122 CCGAGCTGGAGTGCAGT 2139 
Db	18 CCGAGCTGGAGTGCAGT 1
RESULT 1050	
E07490/c	
LOCUS	20 bp DNA linear PAT 29-SEP-1997
DEFINITION	Synthetic DNA for probe.
ACCESSION	E07490
VERSION	E07490.1 GI:2175628
KEYWORDS	JP 1994133798-A/5.
SOURCE	unidentified
ORGANISM	unclassified.
REFERENCE	1 (bases 1 to 20) Hirotasu,T., Karashi,H., Matsuhisa,A. and Ono,N. PROBE FOR DIAGNOSIS OF INFECTIOUS DISEASE Patent: JP 1994133798-A 5 17-MAY-1994; FUSO YAKUHIN KOGYO KK, ONO NORIYA
TITLE	
JOURNAL	
AUTHORS	
COMMENT	
OS	None
OC	Artificial sequences.
PN	JP 1994133798-A/5
PD	17-MAY-1994
PF	23-OCT-1992 JP 1992285802
PI	HIROTSU TAKUO, KARASHI HIROYUKI, MATSUHISA AKIO, ONO NORIYA PC C12Q1/68,C12Q1/04,C12Q1/04,C12R1:725);
CC	strandedness: Single;
CC	topology: Linear;
CC	hypothetical: No;
CC	anti-sense: No; Location/Qualifiers
FH	Key
FT	source 1..20
misc_feature	1..20 /note='Probe for PCR'.
FT	Location/Qualifiers
source	1..20
/organism='unidentified'	
/mol_type='genomic DNA'	
/db_xref='taxon:32644'	
Query Match	0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity	94.4%; Pred. No. 1.1e+03;
Matches	17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy	393 GTTAGACCAAGCCATTG 410 
Db	20 GTTAGACCTAAGCCATTG 3
RESULT 1051	
I33083/c	
LOCUS	20 bp DNA linear PAT 06-FEB-1997
DEFINITION	Sequence 19 from patent US 5589584.
ACCESSION	I33083
VERSION	I33083.1 GI:1823874
KEYWORDS	
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 20) Lalouel,J.-M., Jeunemaitre,X., Lifton,R.P., Soubrier,F., Kotelevtsev,Y. and Corvol,P. Angiotensinogen gene variants and predisposition to hypertension Patent: US 5589584-A 19 31-DEC-1996; Location/Qualifiers 1..20 /organism='unknown' /mol_type='unassigned DNA'
Query Match	0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity	94.4%; Pred. No. 1.1e+03;
Matches	17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy	2122 CCGAGCTGGAGTGCAGT 2139 
Db	18 CCGAGCTGGAGTGCAGT 1
RESULT 1052	
I80108/c	
LOCUS	20 bp DNA linear PAT 10-JUN-1998
DEFINITION	Sequence 5 from patent US 5708159.
ACCESSION	I80108
VERSION	I80108.1 GI:3208398
KEYWORDS	
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 20) Ohno,T., Hirotasu,T., Keshi,H. and Matsuhisa,A.

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TITLE      Probe for diagnosing infectious diseases which hybridizes with DNA
            from candida albicans
JOURNAL    Patent: US 5708159-A 5 13-JAN-1998;
FEATURES   Location/Qualifiers
            source
            1..20
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity  0.7%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 393 GTTAGACCAAGCCATTG 410
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DB 20 GTTAGACCTAAGCCATTG 3

RESULT 1053
LOCUS      AR492707/c
DEFINITION Sequence 77 from patent US 6716975.
ACCESSION  AR492707
VERSION     AR492707.1 GI:47262221
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Wyatt,J.
TITLE       Antisense modulation of EDG1 expression
JOURNAL     Patent: US 6716975-A 77 06-APR-2004;
FEATURES   Location/Qualifiers
            source
            1..20
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity  0.7%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 519 AAGCAACAACATATTGTA 536
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DB 18 AAGCAACAACATGTTGTA 1

RESULT 1054
LOCUS      AX117763
DEFINITION Sequence 2886 from Patent WO0129262.
ACCESSION  AX117763
VERSION     AX117763.1 GI:14034714
KEYWORDS   Synthetic construct
SOURCE      Synthetic construct
ORGANISM    Artificial sequences.
REFERENCE   1
AUTHORS     Picoult-Newburg,L. and Pohl,M.
TITLE       Genotyping reagents, kits and methods of use thereof
JOURNAL     Patent: WO 0129262-A 2886 26-APR-2001;
            Orchid Biosciences, Inc. (US)
FEATURES   Location/Qualifiers
            source
            1..20
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Primer"

Query Match
Best Local Similarity  0.7%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGCGTAGCCAC 2370
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DB 1 ATTACAGGCGTAGCCAC 18

RESULT 1055
LOCUS      AX050293/c
DEFINITION Sequence 47 from Patent WO0070046.
ACCESSION  AX050293
VERSION     AX050293.1 GI:12226574
KEYWORDS   synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
AUTHORS     Shimkets,R.A., Fernandes,E. and Boldog,F.
TITLE       Secreted polypeptides and corresponding polynucleotides
JOURNAL     Patent: WO 0070046-A 47 23-NOV-2000;
            Curagen Corporation (US)
FEATURES   Location/Qualifiers
            source
            1..21
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="chemically synthesized"

Query Match
Best Local Similarity  0.7%; Score 16.4; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
      |||||||
DB 19 GCTGGGACTACAGGCATG 2

RESULT 1056
LOCUS      BD161939/c
DEFINITION Polymorphism of upstream region of human cholecystokinin gene,
            identification method and reagent thereof, and method for diagnosis
            of anxiety disorders based thereon.
ACCESSION  BD161939
VERSION     BD161939.1 GI:27867697
KEYWORDS   synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1 (bases 1 to 21)
AUTHORS     Yoshikawa,T. and Hattori,E.
TITLE       Polymorphism of upstream region of human cholecystokinin gene,
            identification method and reagent thereof, and method for diagnosis
            of anxiety disorders based thereon
JOURNAL     Patent: JP 2002171990-A 5 18-JUN-2002;
            THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
COMMENT     OS Artificial Sequence
            PN JP 2002171990-A/5
            PD 18-JUN-2002
            PF 08-DEC-2000 JP 2000375090
            PI TAKEO YOSHIKAWA,ELIJ HATTORI
            PC C12N15/09,C12Q1/68,G01N33/53,G01N33/566,C12N15/00 CC
            Description of Artificial Sequence: upstream primer p5 FH Key
            Location/Qualifiers
            FT source
            1..21
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            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match
Best Local Similarity  0.7%; Score 16.4; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 21 CAGGCTGGAGTGCAGTGG 4

RESULT 1057
LOCUS A32358 21 bp DNA linear PAT 08-JUL-1996
DEFINITION Synthetic probe for human factor IX gene.
ACCESSION A32358
VERSION A32358.1 GI:1567351
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS
TITLE
JOURNAL
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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCACCG 2372
Db 1 GATTATAGGCGTGAGCCACTG 21

RESULT 1058
LOCUS AR043896 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 6 from patent US 5814716.
ACCESSION AR043896
VERSION AR043896.1 GI:5964904
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Jallat,S., Meulien,P., Pavirani,A. and Perraud,F.
TITLE Cell lines from a transgenic mouse which express biologically
JOURNAL active IX factor
FEATURES
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                /mol_type="unassigned DNA"

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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCACCG 2372
Db 1 GATTATAGGCGTGAGCCACTG 21

RESULT 1059
LOCUS AR061829/c 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 21 from patent US 5843660.
ACCESSION AR061829
VERSION AR061829 GI:5989520
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

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REFERENCE 1 (bases 1 to 21)
AUTHORS Schumm,J.W., Micks,K.A. and Rabbach,D.R.
TITLE Multiplex amplification of short tandem repeat loci
JOURNAL Patent: US 5843660-A 21 01-DEC-1998;
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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTCTGTATCCAGG 2127
Db 21 AGTCTCACTCTGTGTGCCAGG 1

RESULT 1060
LOCUS BD233960/c 21 bp DNA linear PAT 17-JUL-2003
DEFINITION Multiple amplification of short tandem repeat gene site.
ACCESSION BD233960
VERSION BD233960.1 GI:33043730
KEYWORDS JP 2002530121-A/21.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 21)
AUTHORS Schumm,J.W. and Sprecher,C.J.
TITLE Multiple amplification of short tandem repeat gene site
JOURNAL Patent: JP 2002530121-A 21 17-SEP-2002;
COMMENT PROMEGA CORP
        OS Homo sapiens (human)
        PN JP 2002530121-A/21
        PD 17-SEP-2002
        PF 24-NOV-1999 JP 2000584113
        PR 25-NOV-1998 US 09/199542
        PT JAMES W SCHUMM, CYNTHIA J SPRECHER
        PC C12Q1/68, C12N15/09, C12N15/09, G01N33/53, G01N33/566, G01N33/58,
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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 21 AGTCTCACTCTGTGTGCCAGG 1

RESULT 1061
LOCUS CQ760468 21 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 25 from Patent WO2004003550.
ACCESSION CQ760468
VERSION CQ760468.1 GI:44903981
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1

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AUTHORS Leyland-Jones,B.  
 TITLE Individualization of therapy with anticoagulants  
 JOURNAL Patent: WO 2004003550-A 25 08-JAN-2004;  
 Xanthus Life Sciences, Inc. (US)  
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Query Match 0.7%; Score 16.2; DB 1; Length 21;  
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 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTACCGTGTAG 2290  
 Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1062  
 CQ760567/c  
 LOCUS CQ760567 21 bp DNA linear PAT 03-MAR-2004  
 DEFINITION Sequence 9 from Patent WO2004003229.  
 ACCESSION CQ760567  
 VERSION CQ760567.1 GI:44904070  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE 1  
 AUTHORS Nex,B.R., Vogel,U., Rockenbauer,E. and Bukowy,Z.K.  
 TITLE Disease risk estimating method using sequence polymorphisms in a  
 specific region of chromosome 19  
 JOURNAL Patent: WO 2004003229-A 9 08-JAN-2004;  
 Aarhus University (DK); Arbejdsmilj Institutttet (National  
 Institute of Occupational Health) (DK)

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 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2153 TCACTGCAAGCTCTGCCCTCC 2173  
 Db 21 TCACTGCAAGCTCGGCTCCC 1

RESULT 1063  
 CQ760693/c  
 LOCUS CQ760693 21 bp DNA linear PAT 03-MAR-2004  
 DEFINITION Sequence 135 from Patent WO2004003229.  
 ACCESSION CQ760693  
 VERSION CQ760693.1 GI:44904196  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE 1  
 AUTHORS Nex,B.R., Vogel,U., Rockenbauer,E. and Bukowy,Z.K.  
 TITLE Disease risk estimating method using sequence polymorphisms in a  
 specific region of chromosome 19  
 JOURNAL Patent: WO 2004003229-A 135 08-JAN-2004;  
 Aarhus University (DK); Arbejdsmilj Institutttet (National  
 Institute of Occupational Health) (DK)

FEATURES Location/Qualifiers  
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 QY 2153 TCACTGCAAGCTCTGCCCTCC 2173  
 Db 21 TCACTGCAAGCTCGGCTCCC 1

RESULT 1064  
 CQ801123/c  
 LOCUS CQ801123 21 bp DNA linear PAT 05-MAY-2004  
 DEFINITION Sequence 114 from Patent WO20040033728.  
 ACCESSION CQ801123  
 VERSION CQ801123.1 GI:47057895  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE 1  
 AUTHORS van Dongen,J.J., Langerak,A.W., Schuurink,E.M., san Miguel,J.F.,  
 garzia Sanz,R., Parreira,A., Smith,J.L., Lavender,P.L.,  
 Morgan,G.J., Evans,P.A., Kneba,M., Hummel,M., Macintyre,E.A. and  
 Bastard,C.  
 TITLE Nucleic acid amplification primers for per-based clonality studies  
 JOURNAL Patent: WO 2004033728-A 114 22-APR-2004;  
 Erasmus Universiteit Rotterdam (NL); Van Dongen, Jacobus, Johannes,  
 Maria (NL)

FEATURES Location/Qualifiers  
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Query Match 0.7%; Score 16.2; DB 1; Length 21;  
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QY 2232 GCCACCACACCTCGCTAATT 2252  
 Db 21 GCCACCACACCTCGCTAGTTT 1

RESULT 1065  
 E03635  
 LOCUS E03635 Synthetic DNA sequence of rat Ilu-1 alpha PCR primer.  
 DEFINITION  
 ACCESSION E03635  
 VERSION E03635.1 GI:2171850  
 KEYWORDS JP 1992148678-A/1.  
 SOURCE synthetic construct  
 ORGANISM  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Sakano,K., Fujiwara,H., Azumabashi,N., Marumoto,Y. and Sato,Y.  
 TITLE POLYPEPTIDE  
 JOURNAL Patent: JP 1992148678-A 1 21-MAY-1992;  
 DAI ICHI SEIYAKU CO LTD

COMMENT OS Artificial gene  
 OC Artificial sequence; Genes.  
 OS Rattus sp. (rat)  
 PN JP 1992148678-A/1  
 PD 21-MAY-1992  
 PF 12-OCT-1990 JP 1990274194  
 PI SAKANO KATSUICHI, FUJIWARA HIROYUKI, AZUMABASHI NOBUYUKI, PI  
 MARUMOTO YASUNASA, SATO YOSHIO  
 PC C12N1/21,C07K7/10,C12N15/18//A61K37/02,C12P21/02,C12N1/21, PC

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CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No; Location/Qualifiers
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FT misc_RNA
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Best Local Similarity 0.7%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 352 TAACCACTCAGATTCCAG 372
Db 1 TCAGCACTCAGGTTCCAG 21

RESULT 1066
LOCUS AR252820/c AR252820 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 21 from patent US 6479235.
ACCESSION AR252820
VERSION AR252820.1 GI:27301169
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS Schumm,J.W. and Sprecher,C.J.
TITLE Multiplex amplification of short tandem repeat loci
JOURNAL Patent: US 6479235-A 21 12-NOV-2002;
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/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTCTGTACCCAGG 2127
Db 21 AGTCTCACTCTGTGCCAGG 1

RESULT 1067
LOCUS AX117258 AX117258 21 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 2381 from Patent WO0129262.
ACCESSION AX117258
VERSION AX117258.1 GI:14034209
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 2381 26-APR-2001;
ORCHID Biosciences, Inc. (US)
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/db_xref="taxon:32630"

C12R1:19),
PC (C12P21/02.C12R1:19).C07K99:00;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No; Location/Qualifiers
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Best Local Similarity 0.7%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2145 ATCTTGCTCACTGCAAGCTC 2165
Db 1 ATCTCAGCTCACTGCAACCTC 21

RESULT 1068
LOCUS AX119401 AX119401 21 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 58 from Patent WO0129251.
ACCESSION AX119401
VERSION AX119401.1 GI:14036320
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Messiaen,L. and Callens,T.
TITLE Improved mutation analysis of the nfi gene
JOURNAL Patent: WO 0129251-A 58 26-APR-2001;
UNIVERSITEIT GENT (BE)
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Best Local Similarity 0.7%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTCTGGGAT 2354
Db 1 GGCTCTCTGAAGTCTGGGAT 21

RESULT 1069
LOCUS AX546456 AX546456 21 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 25 from Patent WO02073196.
ACCESSION AX546456
VERSION AX546456.1 GI:25811647
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
AUTHORS Leyland-Jones,B.
TITLE Individualization of therapy with antipsychotics
JOURNAL Patent: WO 02073196-A 25 19-SEP-2002;
MCGILL UNIVERSITY (CA)
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/notes="Sequence to be used as a Primer"

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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTACCGTTAG 2290
Db 1 GACAGGGTTTTCATCATGTTGG 21

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RESULT 1070
AX557297          21 bp  DNA  linear  PAT 27-NOV-2002
LOCUS             Sequence 25 from Patent WO02073197.
DEFINITION
ACCESSION         AX557297
VERSION           AX557297.1 GI:25900251
KEYWORDS          .
SOURCE            synthetic construct
ORGANISM          synthetic construct
                  artificial sequences.
REFERENCE         1
AUTHORS           Leyland-Jones,B.
TITLE             Individualization of therapy with antidepressants
JOURNAL           Patent: WO 02073197-A 25 19-SEP-2002;
                  MCGILL UNIVERSITY (CA)
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Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
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Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1071
AX557381          21 bp  DNA  linear  PAT 27-NOV-2002
LOCUS             Sequence 25 from Patent WO02073206.
DEFINITION
ACCESSION         AX557381
VERSION           AX557381.1 GI:25900290
KEYWORDS          .
SOURCE            synthetic construct
ORGANISM          synthetic construct
                  artificial sequences.
REFERENCE         1
AUTHORS           Leyland-Jones,B.
TITLE             Individualization of therapy with anxiolytics
JOURNAL           Patent: WO 02073206-A 25 19-SEP-2002;
                  MCGILL UNIVERSITY (CA)
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Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1072
AX557406          21 bp  DNA  linear  PAT 27-NOV-2002
LOCUS             Sequence 25 from Patent WO02073205.
DEFINITION
ACCESSION         AX557406
VERSION           AX557406.1 GI:25900315
KEYWORDS          .
SOURCE            synthetic construct
ORGANISM          synthetic construct
                  artificial sequences.
REFERENCE         1
AUTHORS           Leyland-Jones,B.
TITLE             Multiple determinants for metabolic phenotypes
JOURNAL           Patent: WO 02064816-A 23 22-AUG-2002;
                  MCGILL UNIVERSITY (CA)
FEATURES          Location/Qualifiers
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Query Match      0.7%; Score 16.2; DB 1; Length 21;
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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
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Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1073
AX591117          21 bp  DNA  linear  PAT 27-JAN-2003
LOCUS             Sequence 25 from Patent WO02086504.
DEFINITION
ACCESSION         AX591117
VERSION           AX591117.1 GI:27949632
KEYWORDS          .
SOURCE            synthetic construct
ORGANISM          synthetic construct
                  artificial sequences.
REFERENCE         1
AUTHORS           Leyland-Jones,B.
TITLE             Individualization of therapy with gastroesophageal reflux disease
JOURNAL           Patent: WO 02086504-A 25 31-OCT-2002;
                  MCGILL UNIVERSITY (CA)
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Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
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Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1074
AX592507          21 bp  DNA  linear  PAT 27-JAN-2003
LOCUS             Sequence 23 from Patent WO02064816.
DEFINITION
ACCESSION         AX592507
VERSION           AX592507.1 GI:27950585
KEYWORDS          .
SOURCE            synthetic construct
ORGANISM          synthetic construct
                  artificial sequences.
REFERENCE         1
AUTHORS           Leyland-Jones,B.
TITLE             Multiple determinants for metabolic phenotypes
JOURNAL           Patent: WO 02064816-A 23 22-AUG-2002;
                  MCGILL UNIVERSITY (CA)
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Query Match 0.7%; Score 16.2; DB 1; Length 21;  
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QY 2270 GACAGGGTTTCACCGTGTAG 2290  
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 Db 1 GACAGGGTTTCATCATGTGG 21

## RESULT 1075

AX593010  
 LOCUS AX593010 21 bp DNA linear PAT 27-JAN-2003  
 DEFINITION Sequence 23 from Patent WO02084288.  
 ACCESSION AX593010  
 VERSION AX593010.1 GI:27950854  
 KEYWORDS synthetic construct  
 ORGANISM synthetic construct  
 SOURCE artificial sequences.

## REFERENCE

1  
 AUTHORS Leyland-Jones, B.  
 TITLE Individualization of therapy with antiarrhythmics  
 JOURNAL Patent: WO 02084288-A 23 24-OCT-2002;  
 MCGILL UNIVERSITY (CA)

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 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290  
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 Db 1 GACAGGGTTTCATCATGTGG 21

## RESULT 1076

AX593150  
 LOCUS AX593150 21 bp DNA linear PAT 13-FEB-2003  
 DEFINITION Sequence 25 from Patent WO02088753.  
 ACCESSION AX593150  
 VERSION AX593150.1 GI:28374611  
 KEYWORDS synthetic construct  
 ORGANISM synthetic construct  
 SOURCE artificial sequences.

## REFERENCE

1  
 AUTHORS Leyland-Jones, B.  
 TITLE Individualization of therapy with erectile dysfunction agents  
 JOURNAL Patent: WO 02088753-A 25 07-NOV-2002;  
 MCGILL UNIVERSITY (CA)

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QY 2270 GACAGGGTTTCACCGTGTAG 2290  
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 Db 1 GACAGGGTTTCATCATGTGG 21

## RESULT 1077

AX593485  
 LOCUS AX593485 21 bp DNA linear PAT 13-FEB-2003  
 DEFINITION Sequence 25 from Patent WO02088714.  
 ACCESSION AX593485  
 VERSION AX593485.1 GI:28374848  
 KEYWORDS synthetic construct  
 ORGANISM synthetic construct  
 SOURCE artificial sequences.

## REFERENCE

1  
 AUTHORS Leyland-Jones, B.  
 TITLE Individualization of therapy with antineoplastic agents  
 JOURNAL Patent: WO 02088714-A 25 07-NOV-2002;  
 MCGILL UNIVERSITY (CA)

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Query Match 0.7%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290  
 |||||  
 Db 1 GACAGGGTTTCATCATGTGG 21

## RESULT 1078

AX597480  
 LOCUS AX597480 21 bp DNA linear PAT 14-FEB-2003  
 DEFINITION Sequence 25 from Patent WO02090994.  
 ACCESSION AX597480  
 VERSION AX597480.1 GI:28397750  
 KEYWORDS synthetic construct  
 ORGANISM synthetic construct  
 SOURCE artificial sequences.

## REFERENCE

1  
 AUTHORS Leyland-Jones, B.  
 TITLE Individualization of therapy with analgesics  
 JOURNAL Patent: WO 02090994-A 25 14-NOV-2002;  
 MCGILL UNIVERSITY (CA)

## FEATURES

Location/Qualifiers  
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Query Match 0.7%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290  
 |||||  
 Db 1 GACAGGGTTTCATCATGTGG 21

## RESULT 1079

AX601690  
 LOCUS AX601690 21 bp DNA linear PAT 17-FEB-2003  
 DEFINITION Sequence 25 from Patent WO02093162.  
 ACCESSION AX601690  
 VERSION AX601690.1 GI:28401735  
 KEYWORDS synthetic construct  
 ORGANISM synthetic construct  
 SOURCE artificial sequences.

## REFERENCE

1  
 AUTHORS Leyland-Jones, B.



TITLE Individualization of therapy with antibiotic agents  
JOURNAL Patent: WO 02093162-A 25 21-NOV-2002;  
MCGILL UNIVERSITY (CA)

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Location/Qualifiers

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Query Match 0.7%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290  
|||||  
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1080

AX616991  
LOCUS AX616991 21 bp DNA linear PAT 20-FEB-2003  
DEFINITION Sequence 23 from Patent WO02095402.  
ACCESSION AX616991

VERSION AX616991.1 GI:28447796  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Leyland-Jones, B.  
TITLE Individualization of therapy with hyperlipidemia agents  
JOURNAL Patent: WO 02095402-A 23 28-NOV-2002;  
MCGILL UNIVERSITY (CA)

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/mol\_type="unassigned DNA"  
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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290  
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Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1081

AX642809/c  
LOCUS AX642809 21 bp DNA linear PAT 21-FEB-2003  
DEFINITION Sequence 137 from Patent WO0240539.  
ACCESSION AX642809

VERSION AX642809.1 GI:28475029  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Kekuda, R., Spytek, K.A., Casman, S.J., Zerhusen, B.D., Li, L.,  
Tchernev, V.T., Colman, S.D., Ballinger, R.A., Padigar, M.,  
Wolenc, A.R., Shenoy, S.G., Edinger, S.R., Gerlach, V., Gangolli, E.A.,  
Maddougall, J.R., Smithson, G., Peyman, J.A., Stone, D.J., Gunther, E.,  
Ellerman, K., Grosse, W.M., Alsbrook, J.P., Lepley, D.M. and  
Burgess, C.E.  
TITLE GPCR-like protein and nucleic acids encoding same  
JOURNAL Patent: WO 0240539-A 137 23-MAY-2002;  
Curagen Corporation (US)

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Db 21 ATAAAGGATTGAGAAGGGG 1

RESULT 1082

AX643865  
LOCUS AX643865 21 bp DNA linear PAT 24-FEB-2003  
DEFINITION Sequence 25 from Patent WO02099422.  
ACCESSION AX643865

VERSION AX643865.1 GI:28551659  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Leyland-Jones, B.  
TITLE Individualization of therapy with alzheimer's disease agents  
JOURNAL Patent: WO 02099422-A 25 12-DEC-2002;  
MCGILL UNIVERSITY (CA)

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Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
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QY 2270 GACAGGGTTTCACCGTGTAG 2290  
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Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1083

AX696046  
LOCUS AX696046 21 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 23 from Patent WO03008637.  
ACCESSION AX696046

VERSION AX696046.1 GI:29419208  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Leyland-Jones, B.  
TITLE Use of genotyping in the individualization of therapy  
JOURNAL Patent: WO 03008637-A 23 30-JAN-2003;  
McGill University (CA)

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Db 1 GACAGGGTTTCATCATGTTGG 21

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RESULT 1084
AX773023
LOCUS AX773023 21 bp DNA linear PAT 09-JUL-2003
DEFINITION Sequence 25 from Patent WO03046583.
ACCESSION AX773023
VERSION AX773023.1 GI:32485192
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
          artificial sequences.
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AUTHORS Leyland-Jones, B.
TITLE Individualization of therapy with anesthetics
JOURNAL Patent: WO 03046583-A 25 05-JUN-2003;
Xanthus Life Sciences, Inc. (US)
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Db 1 GACAGGGTTTCATCATGTGG 21
RESULT 1085
AX781407
LOCUS AX781407 21 bp DNA linear PAT 14-JUL-2003
DEFINITION Sequence 25 from Patent WO03046559.
ACCESSION AX781407
VERSION AX781407.1 GI:32698408
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
          artificial sequences.
REFERENCE
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AUTHORS Leyland-Jones, B.
TITLE Individualization of therapy with antiviral agents
JOURNAL Patent: WO 03046559-A 25 05-JUN-2003;
Xanthus Life Sciences, Inc. (US)
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Db 1 GACAGGGTTTCATCATGTGG 21
RESULT 1086
AX794424
LOCUS AX794424 21 bp DNA linear PAT 04-OCT-2003
DEFINITION Sequence 25 from Patent WO03052123.
ACCESSION AX794424
VERSION AX794424.1 GI:37515502
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
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artificial sequences.
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AUTHORS Leyland-Jones, B.
TITLE Individualization of therapy with antihistamines
JOURNAL Patent: WO 03052123-A 25 26-JUN-2003;
Xanthus Life Sciences, Inc. (US)
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Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTGG 21
RESULT 1087
AX815463
LOCUS AX815463 21 bp DNA linear PAT 09-DEC-2003
DEFINITION Sequence 25 from Patent WO03067257.
ACCESSION AX815463
VERSION AX815463.1 GI:39646164
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
          artificial sequences.
REFERENCE
1
AUTHORS Leyland-Jones, B.
TITLE Individualization of therapy with anxiolitics
JOURNAL Patent: WO 03067257-A 25 14-AUG-2003;
MCGILL UNIVERSITY (CA)
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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTGG 21
RESULT 1088
AR171182/c
LOCUS AR171182 17 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 91 from patent US 6297014.
ACCESSION AR171182
VERSION AR171182.1 GI:17910132
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
          Unclassified.
REFERENCE
1 (bases 1 to 17)
AUTHORS Taylor, K.D., Scheuner, M.T., Rotter, J.I. and Yang, H.
TITLE Genetic test to determine non-responsiveness to statin drug
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JOURNAL Patent: US 6297014-A 91 02-OCT-2001;
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Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
Db 16 GTTACCCAGGCTGGAG 1

RESULT 1089
BD203034
LOCUS BD203034 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
          molecule participating in vasculogenic response.
ACCESSION BD203034.1 GI:33012804
VERSION JP 2002509721-A/6060
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
          molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 6060 02-APR-2002;
          RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
        PN JP 2002509721-A/6060
        PD 02-APR-2002
        PF 24-MAR-1999 JP 2000541291
        PR 27-MAR-1998 US 60/079678
        PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
        PI JAMES A MCSWIGGEN
        PC

C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
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Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCA 2362
Db 1 GCTGGGATTACAGGCA 16

RESULT 1090
BD229140
LOCUS BD229140 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Genotype determination of human UDP-glucuronosyl transferase 2B4
          (UGT2B4), 2B7 (UGT2B7) and 2B15 (UGT2B15) genes.
ACCESSION BD229140.1 GI:33038910
VERSION JP 2002521067-A/12.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 17)

Galvin,M., Miller,A., Penny,A., Penny,L. and Riedy,M.
Genotype determination of human UDP-glucuronosyl transferase 2B4
(UGT2B4), 2B7 (UGT2B7) and 2B15 (UGT2B15) genes
Patent: JP 2002521067-A 12 16-JUL-2002;
AXYS PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002521067-A/12
PD 16-JUL-2002
PF 22-JUL-1999 JP 2000562558
PR 28-JUL-1998 US 60/094391
PI MARGARET GALVIN, ANDREW MILLER, LAURA PENNY, MICHAEL RIEDY PC
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,C12N15/00,C12N15/00 CC
Genotype determination of human UDP-glucuronosyl transferase CC
2B4 (UGT2B4),
CC 2B7 (UGT2B7) and 2B15 (UGT2B15) genes
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QY 2274 GGGTTTCACCGTGTTA 2289
Db 2 GGGTTTCACCGTGTTA 17

RESULT 1091
CQ798656/c
LOCUS CQ798656 17 bp DNA linear PAT 20-APR-2004
DEFINITION Sequence 91 from Patent EP1408121.
ACCESSION CQ798656
VERSION CQ798656.1 GI:46427018
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Taylor,K.D., Scheuner,M., Rotter,J. and Yang,H.
TITLE Genetic test to determine non-responsiveness to statin drug
          treatment
JOURNAL Patent: EP 1408121-A 91 14-APR-2004;
          Cedars-Sinai Medical Center (US)
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
Db 16 GTTACCCAGGCTGGAG 1

RESULT 1092
AR349392
LOCUS AR349392 17 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 13 from patent US 6586175.
ACCESSION AR349392
VERSION AR349392.1 GI:33750185
KEYWORDS
SOURCE Unknown.

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ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 17)
TITLES Galvin,M., Miller,A., Penny,L. and Riedy,M.
JOURNAL Genotyping the human UDP-glucuronosyltransferase 2B7 (UGT2B7) gene
FEATURES Patent: US 6586175-A 13 01-JUL-2003;
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/organism="unknown"
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QY 2274 GGGTTTCACCGTGTTA 2289
Db 2 GGGTTTCACCGTGTTA 17

RESULT 1093
AX068540/c
LOCUS AX068540 17 bp DNA linear PAT 25-JAN-2001
DEFINITION Sequence 91 from Patent WO0102606.
ACCESSION AX068540
VERSION AX068540.1 GI:12578665
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Taylor,K.D., Scheuner,M., Rotter,J. and Yang,H.
TITLES Genetic test to determine non-responsiveness to statin drug
treatment
JOURNAL Patent: WO 0102606-A 91 11-JAN-2001;
Cedars-Sinai Medical Center (US)
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Query Match 0.7%; Score 16; DB 1; Length 17;
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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
Db 16 GTTACCCAGGCTGGAG 1

RESULT 1094
AX692567
LOCUS AX692567 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5299 from Patent EPI281758.
ACCESSION AX692567
VERSION AX692567.1 GI:29415525
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLES Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 5299 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
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Db 2 GGGTTTCACCGTGTTA 17

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Query Match 0.7%; Score 16; DB 1; Length 17;
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QY 2126 GGCTGGAGTGCAGTGG 2141
Db 2 GGCTGGAGTGCAGTGG 17

RESULT 1095
AX692568
LOCUS AX692568 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5300 from Patent EPI281758.
ACCESSION AX692568
VERSION AX692568.1 GI:29415526
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLES Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 5300 05-FEB-2003;
Aeomica, Inc. (US)
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Query Match 0.7%; Score 16; DB 1; Length 17;
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QY 2126 GGCTGGAGTGCAGTGG 2141
Db 1 GGCTGGAGTGCAGTGG 16

RESULT 1096
AX692715
LOCUS AX692715 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5447 from Patent EPI281758.
ACCESSION AX692715
VERSION AX692715.1 GI:29415673
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLES Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 5447 05-FEB-2003;
Aeomica, Inc. (US)
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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTTA 2289
Db 2 GGGTTTCACCGTGTTA 17
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RESULT 1097
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LOCUS AX692741 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5473 from Patent EPI281758.
ACCESSION AX692741
VERSION AX692741.1 GI:29415699
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5473 05-FEB-2003;
Aeomica, Inc. (US)
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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2299 GTCTCGATCTCTGAC 2314
Db 1 GTCTCGATCTCTGAC 16

RESULT 1098
AX729352
LOCUS AX729352 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 986 from Patent WO03025175.
ACCESSION AX729352
VERSION AX729352.1 GI:30508695
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Telerman,A., Anson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 986 27-MAR-2003;
Molecular Engines Laboratories (FR)
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/mol_type="unassigned DNA"
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Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2304 GATCTCTGACCTCGT 2319
Db 1 GATCTCTGACCTCGT 16

RESULT 1099
AR123981
LOCUS AR123981 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 34 from patent US 6171833.
ACCESSION AR123981
VERSION AR123981.1 GI:14109342

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KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Sinskey,A.J., Lessard,P.A. and Willis,L.B.
TITLE Pyruvate carboxylase from corynebacterium glutamicum
JOURNAL Patent: US 6171833-A 34 09-JAN-2001;
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/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 185 GTGGAATGATCCCGA 200
Db 4 GTGGAATGATCCCGA 19

RESULT 1100
AR148945
LOCUS AR148945 19 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 2 from patent US 6228345.
ACCESSION AR148945
VERSION AR148945.1 GI:15113536
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Ossowski,L.
TITLE In vivo assay for intravassation
JOURNAL Patent: US 6228345-A 2 08-MAY-2001;
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Query Match 0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGAGTGCA 2137
Db 4 CCCAGGCTGAGTGCA 19

RESULT 1101
AR213180
LOCUS AR213180 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 34 from patent US 6403351.
ACCESSION AR213180
VERSION AR213180.1 GI:23310247
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Sinskey,A.J., Lessard,P.A. and Willis,L.B.
TITLE Pyruvate carboxylase polypeptide from Corynebacterium glutamicum
JOURNAL Patent: US 6403351-A 34 11-JUN-2002;
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ACCESSION AX033910
VERSION AX033910.1 GI:10280478
KEYWORDS
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ORGANISM
REFERENCE 1
AUTHORS Cancilla,M.R., Choo,K.H. and Du,S.D.
TITLE A novel nucleic acid molecule
JOURNAL Patent: WO 9851790-A 2 19-NOV-1998;
CANCILLA MICHAEL ROBERT (AU) ; CHOO KONG HONG ANDY (AU) ; SART
DESIREE DU (AU) ; ANRAD OPERATIONS PTY LTD (AU)
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ACCESSION AR370243
VERSION AR370243.1 GI:34606749
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Monia,B.P. and Cowsett,L.M.
TITLE Antisense inhibition of telomeric repeat binding factor 2
expression
JOURNAL Patent: US 6300132-A 64 09-OCT-2001;
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RESULT 1104
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ACCESSION AX162688
VERSION AX162688.1 GI:14544019
KEYWORDS
SOURCE Homo sapiens (human)

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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Shimkets,R.A. and Leach,M.
TITLE Nucleic acids containing single nucleotide polymorphisms and
methods of use thereof
JOURNAL Patent: WO 0140521-A 6016 07-JUN-2001;
Curagen Corporation (US)
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Job time : 51 secs

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

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Listing first 786 summaries

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C 549	17.2	0.7	22	1	US-09-419-406-1	Sequence 1, Appli	622	15.8	0.7	20	1	US-09-289-267-164	Sequence 164, App
C 550	17	0.7	17	1	US-08-635-820A-2	Sequence 2, Appli	C 623	15.8	0.7	20	1	US-09-018-584A-120	Sequence 120, App
C 551	17	0.7	17	1	US-09-100-104-2	Sequence 2, Appli	C 624	15.8	0.7	20	1	US-09-467-642-63	Sequence 63, Appl
C 552	17	0.7	20	1	US-09-038-637-155	Sequence 2, Appli	C 625	15.8	0.7	20	1	US-09-844-634-96	Sequence 96, Appl
C 553	17	0.7	20	1	US-09-487-445-94	Sequence 155, App	C 626	15.8	0.7	20	1	US-09-690-364-48	Sequence 48, Appl
C 554	16.8	0.7	20	1	US-08-849-701-12	Sequence 12, Appl	C 627	15.8	0.7	20	1	US-09-918-686-83	Sequence 83, Appl
C 555	16.8	0.7	20	1	US-08-837-201C-25	Sequence 25, Appl	C 628	15.8	0.7	20	1	US-09-733-294A-75	Sequence 75, Appl
C 556	16.8	0.7	20	1	US-09-073-567-25	Sequence 25, Appl	C 629	15.8	0.7	20	1	US-09-657-346A-52	Sequence 52, Appl
C 557	16.8	0.7	20	1	US-09-357-073-12	Sequence 12, Appl	C 630	15.8	0.7	20	1	US-09-060-299-296	Sequence 296, App
C 558	16.8	0.7	20	1	US-09-358-384-38	Sequence 38, Appl	C 631	15.8	0.7	20	1	US-09-402-923A-236	Sequence 236, App
C 559	16.8	0.7	20	1	US-09-435-296-80	Sequence 80, Appl	C 632	15.8	0.7	20	1	US-09-679-299A-69	Sequence 69, Appl
C 560	16.8	0.7	20	1	US-09-435-296-81	Sequence 81, Appl	C 633	15.8	0.7	20	1	US-09-679-299A-73	Sequence 73, Appl
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C 562	16.8	0.7	20	1	US-09-038-637-135	Sequence 135, App	C 635	15.8	0.7	20	1	US-09-784-423-120	Sequence 120, App
C 563	16.8	0.7	20	1	US-09-048-810-26	Sequence 26, App	C 636	15.8	0.7	21	1	US-08-332-766A-68	Sequence 68, Appl
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C 569	16.8	0.7	20	1	US-09-662-250A-76	Sequence 76, Appl	C 642	15.4	0.6	17	1	US-09-383-316-88	Sequence 88, Appl
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C 572	16.8	0.7	20	1	US-09-679-299A-71	Sequence 71, Appl	C 645	15.4	0.6	18	1	US-09-544-398B-438	Sequence 438, App
C 573	16.8	0.7	20	1	US-09-627-465B-27	Sequence 27, Appl	C 646	15.4	0.6	19	1	US-09-696-791-1321	Sequence 1321, Ap
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C 575	16.8	0.7	21	1	US-09-018-584A-112	Sequence 112, App	C 648	15.4	0.6	19	1	US-09-696-791-2143	Sequence 2143, Ap
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C 577	16.8	0.7	21	1	US-09-784-423-112	Sequence 112, App	C 650	15.4	0.6	20	1	US-09-091-952A-152	Sequence 152, App
C 578	16.8	0.7	21	1	US-08-117-952-287	Sequence 287, App	C 651	15.4	0.6	20	1	US-09-920-759-87	Sequence 87, Appl
C 579	16.8	0.7	22	1	US-08-859-998-25	Sequence 25, Appl	C 652	15.4	0.6	20	1	US-09-198-452A-6585	Sequence 6585, Ap
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C 732	14.2	0.6	84	1	US-08-450-673C-91	Sequence 91, Appli
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C 736	14	0.6	16	1	US-09-479-005A-254	Sequence 254, App
C 737	14	0.6	17	1	US-09-827-998-413	Sequence 413, App
C 738	14	0.6	17	1	US-09-827-998-414	Sequence 414, App
C 739	14	0.6	17	1	US-09-827-998-415	Sequence 415, App
C 740	14	0.6	17	1	US-09-827-998-416	Sequence 416, App
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C 743	14	0.6	68	1	US-09-513-999C-15107	Sequence 15107, A
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C 756	13.8	0.6	17	1	US-09-401-063-799	Sequence 799, App
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C 762	13.8	0.6	17	1	US-09-866-108A-7370	Sequence 7370, Ap
C 763	13.8	0.6	17	1	US-09-866-108A-9742	Sequence 9742, Ap

## ALIGNMENTS

## RESULT 1

US-09-513-999C-17371  
 ; Sequence 17371, Application US/09513999C  
 ; Patent No. 6783961  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dumas Milne Edwards, J.B.  
 ; APPLICANT: Duclert, A.  
 ; APPLICANT: Giordano, J.Y.  
 ; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.  
 ; Patent No. 6783961  
 ; FILE REFERENCE: 59.US2.REG  
 ; CURRENT APPLICATION NUMBER: US/09/513,999C  
 ; CURRENT FILING DATE: 2000-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/122,487  
 ; PRIOR FILING DATE: 1999-02-26  
 ; NUMBER OF SEQ ID NOS: 36681  
 ; SOFTWARE: Patent.pm  
 ; SEQ ID NO 17371  
 ; LENGTH: 100  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-513-999C-17371

Query Match 3.6%; Score 86.4; DB 1; Length 100;  
 Best Local Similarity 93.8%; Pred.No. 0.014;  
 Matches 90; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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QY	2293	AGGATGCTCTCGATCTCCTGACCTCGTGATCCGCC	2328
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## RESULT 2

US-09-513-999C-18683  
 ; Sequence 18683, Application US/09513999C  
 ; Patent No. 6783961  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dumas Milne Edwards, J.B.  
 ; APPLICANT: Duclert, A.  
 ; APPLICANT: Giordano, J.Y.  
 ; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.



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; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 15118
; LENGTH: 100
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-15118

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QY 2310 CTGACCTCGTATCGGCCACCTCGGCCTCCCAAAG 2345
DB 36 CTGACCTTGTATCATCCACCTCGGCCTCCCAAAG 1

RESULT 7
US-09-513-999C-27645/c
; Sequence 27645, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 2000-02-24
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
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US-09-513-999C-27645

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Best Local Similarity 91.1%; Pred. No. 0.045; 7; Indels 0; Gaps 0;
Matches 82; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 2250 TTTTGTGACTTTTAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTC 2309
DB 90 TTTTGTGATTTTAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCAACTC 31

QY 2310 CTGACCTCGTATCGGCCACCTCGGCCTC 2339
DB 30 CTGACCTGTGATCCACCAACACGGCCTC 1

RESULT 8
US-09-513-999C-19069/c
; Sequence 19069, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG

```



Db 1 TTTTGTATTTTAGTAGAGAGCGGGTTTACCAGTGTGGTCAGGCTGGTCTTGAACCTCC 60  
QY 2311 TGAACCTGCTGATCCGCCACCTCGGCTCC 2341  
Db 61 TGACCTTGTGATCCACCTGGCTGGCTCC 91

## RESULT 14

US-09-621-976-12767  
; Sequence 12767, Application US/09621976  
; Patent No. 6639063  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Jobert, S.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.  
; FILE REFERENCE: GENSET.054PR2  
; CURRENT APPLICATION NUMBER: US/09/621.976  
; CURRENT FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 19335  
; SOFTWARE: Patent.pm  
; SEQ ID NO 12767  
; LENGTH: 85  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-621-976-12767

Query Match 2.8%; Score 66.6; DB 1; Length 85;  
Best Local Similarity 84.7%; Pred. No. 0.27;  
Matches 72; Conservative 2; Mismatches 11; Indels 0; Gaps 0;  
QY 2258 ACTTTTAGTAGAGAGGTTTACCGTGTAGCCAGGATGCTCGATCTCTGACCTC 2317  
Db 1 ATTTCATAGAGACATGTTTACCATGTTAGCCATGATGGTCTCGATCTCTGACCTC 60  
QY 2318 GTGATCCGCCACCTCGGCTCCCA 2342  
Db 61 GTGATCCACATGCTTGGCTCCY 85

## RESULT 15

US-08-454-557C-91  
; Sequence 91, Application US/0845457C  
; Patent No. 5830670  
; GENERAL INFORMATION:  
; APPLICANT: de la Monte, Suzanne  
; APPLICANT: Wands, Jack R.  
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection  
; TITLE OF INVENTION: of Alzheimer's Disease  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/454.557C  
; FILING DATE: 30-MAY-1995  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, Steven R.  
; REGISTRATION NUMBER: 36,203  
; REFERENCE/DOCKET NUMBER: 0609.3840003  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540

; INFORMATION FOR SEQ ID NO: 91:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 84 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: both  
US-08-454-557C-91

Query Match 2.8%; Score 65.4; DB 1; Length 84;  
Best Local Similarity 86.7%; Pred. No. 0.32;  
Matches 72; Conservative 0; Mismatches 11; Indels 0; Gaps 0;  
QY 2282 CCGTGTAGCCAGGATGCTCGATCTCTGACCTCGATCCGCCACCTCGGCTCC 2341  
Db 1 CCAATTCATCAGGCTGGTGTGCAACTCTCGACCTCGTGTATCCGCCCTCAGCCTCC 60  
QY 2342 AAAGTCTGGGATTACAGGCATG 2364  
Db 61 AAAGTCTGGGATTACAGGCATG 83

## RESULT 16

US-08-340-426D-91  
; Sequence 91, Application US/08340426D  
; Patent No. 5948634  
; GENERAL INFORMATION:  
; APPLICANT: de la Monte, Suzanne  
; APPLICANT: Wands, Jack R.  
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection  
; TITLE OF INVENTION: of Alzheimer's Disease  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/340.426D  
; FILING DATE: 14-NOV-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, Steven R.  
; REGISTRATION NUMBER: 36,203  
; REFERENCE/DOCKET NUMBER: 0609.3840002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 91:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 84 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: both  
US-08-340-426D-91  
Query Match 2.8%; Score 65.4; DB 1; Length 84;  
Best Local Similarity 86.7%; Pred. No. 0.32;  
Matches 72; Conservative 0; Mismatches 11; Indels 0; Gaps 0;  
QY 2282 CCGTGTAGCCAGGATGCTCGATCTCTGACCTCGATCCGCCACCTCGGCTCC 2341  
Db 1 CCAATTCATCAGGCTGGTGTGCAACTCTCGACCTCGTGTATCCGCCCTCAGCCTCC 60  
QY 2342 AAAGTCTGGGATTACAGGCATG 2364  
Db 61 AAAGTCTGGGATTACAGGCATG 83



```
RESULT 17
US-08-450-673C-91
; Sequence 91, Application US/08450673C
; Patent No. 5948888
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; TITLE OF INVENTION: Neutral Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840004
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
;
US-08-450-673C-91
Query Match 2.8%; Score 65.4; DB 1; Length 84;
Best Local Similarity 86.7%; Pred. No. 0.32;
Matches 72; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2282 CCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCC 2341
Db 1 CCATGTTTCATCAGGCTGGTGTGCACTCTCTGACCTCGTGATCCGCCACCTCGGCTCCC 60

QY 2342 AAAGTCTGGGATTACAGGCATG 2364
Db 61 AAAGTCTGGGATTACAGGCATG 83

RESULT 18
PCT-US95-17111A-91
; Sequence 91, Application PC/TUS9517111A
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; TITLE OF INVENTION: Neutral Thread Protein Gene Expression and
; TITLE OF INVENTION: Detection of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/17111A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/340,426
; FILING DATE: 14-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
;
PCT-US95-17111A-91
Query Match 2.8%; Score 65.4; DB 1; Length 84;
Best Local Similarity 86.7%; Pred. No. 0.32;
Matches 72; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2282 CCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCC 2341
Db 1 CCATGTTTCATCAGGCTGGTGTGCACTCTCTGACCTCGTGATCCGCCACCTCGGCTCCC 60

QY 2342 AAAGTCTGGGATTACAGGCATG 2364
Db 61 AAAGTCTGGGATTACAGGCATG 83

RESULT 19
US-09-513-999C-16016
; Sequence 16016, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A. Y.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 16016
; LENGTH: 81
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: n=a, g, c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: n=a, g, c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 48
; OTHER INFORMATION: r=a or g
;
US-09-513-999C-16016
```

Query Match 2.6%; Score 62.2; DB 1; Length 81;  
Best Local Similarity 84.8%; Pred. No. 0.52; Mismatches 1; Indels 0; Gaps 0;  
Matches 67; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2253 TTGTACTTTTGTAGACACAGGGTTTCACCGTGTAGCCAGGATGCTCGATCTCCTG 2312  
DB 2 TATTNNNTTAAGTAGACACAGGGTTTCATCGTGTGGCCAGGATGTCCTCAACTCTG 61  
QY 2313 ACCTCGTATCGCCACC 2331  
DB 62 ACCTCGTATCGCCGCC 80

RESULT 20  
US-09-513-999C-17000  
; Sequence 17000, Application US/09511999C  
; Patent No. 6783961  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Duclert, A.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.  
; FILE REFERENCE: 59.US2.REG  
; CURRENT APPLICATION NUMBER: US/09/513,999C  
; CURRENT FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/122,487  
; PRIOR FILING DATE: 1999-02-26  
; NUMBER OF SEQ ID NOS: 36681  
; SOFTWARE: Patent.pm  
; SEQ ID NO 17000  
; LENGTH: 65  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-513-999C-17000

Query Match 2.3%; Score 54.4; DB 1; Length 65;  
Best Local Similarity 90.6%; Pred. No. 1.7; Indels 0; Gaps 0;  
Matches 58; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
QY 2270 GACAGGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTCGACCTCGTGATCCGCCCA 2329  
DB 1 GACGGGTTTCTCGTGTAGCCAGGATGGTCTCGATCTCTCGACCTGTGTAATCCGCCCA 60  
QY 2330 CCTC 2333  
DB 61 CCGC 64

RESULT 21  
US-09-621-976-7999/c  
; Sequence 7999, Application US/09621976  
; Patent No. 6639063  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Jobert, S.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.  
; FILE REFERENCE: GENSET.054PR2  
; CURRENT APPLICATION NUMBER: US/09/621,976  
; CURRENT FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 19335  
; SOFTWARE: Patent.pm  
; SEQ ID NO 7999  
; LENGTH: 68  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-621-976-7999

Query Match 2.2%; Score 52; DB 1; Length 68;  
Best Local Similarity 85.3%; Pred. No. 2.5; Indels 10; Gaps 0;  
Matches 58; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2189 TCTCTGCTCAGCTCCCAATTAGCTTGGCTACAGTCTATCTGCCACACACCTGGCTA 2248  
DB 68 TCTCTGCTCAGCTCCCAATTAGCTTGGCTACAGTCTATCTGCCACACACCTGGCTA 9  
QY 2249 ATTTTGTG 2256  
DB 8 ATTTTGTG 1

RESULT 22  
US-09-445-174B-23/c  
; Sequence 23, Application US/09445174B  
; Patent No. 6733966  
; GENERAL INFORMATION:  
; APPLICANT: van Ommen, Garrit J.B.  
; APPLICANT: Petrij-Bosch, Anne  
; APPLICANT: Bakker, Egbert  
; APPLICANT: Devilee, Peter  
; TITLE OF INVENTION: A diagnostic test kit for determining a predisposition  
; TITLE OF INVENTION: for breast and ovarian cancer, materials and methods  
; FILE REFERENCE: 294-78  
; CURRENT APPLICATION NUMBER: US/09/445,174B  
; CURRENT FILING DATE: 2001-06-11  
; PRIOR APPLICATION NUMBER: PCT/NL98/00325  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: EP 97201700.8  
; PRIOR FILING DATE: 1997-06-04  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 23  
; LENGTH: 60  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: /note="Deletion-function fragment"  
US-09-445-174B-23

Query Match 2.2%; Score 51; DB 1; Length 60;  
Best Local Similarity 91.5%; Pred. No. 2.9; Indels 5; Gaps 0;  
Matches 54; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2244 GGCTAATTTTGTACTTTTAGTAGACACAGGTTTACCGTGTAGCCAGGATGGTCT 2302  
DB 59 GGCTAATTTTGTACTTTTAGTAGAATGGTGTTCACCGTGTAGCCAGGATGGTCT 1

RESULT 23  
US-09-513-999C-15107/c  
; Sequence 15107, Application US/09513999C  
; Patent No. 6783961  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Duclert, A.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.  
; FILE REFERENCE: 59.US2.REG  
; CURRENT APPLICATION NUMBER: US/09/513,999C  
; CURRENT FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/122,487  
; PRIOR FILING DATE: 1999-02-26  
; NUMBER OF SEQ ID NOS: 36681  
; SOFTWARE: Patent.pm  
; SEQ ID NO 15107  
; LENGTH: 68  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-513-999C-15107

Query Match 2.2%; Score 51; DB 1; Length 68;  
Best Local Similarity 85.1%; Pred. No. 2.8; Indels 1; Gaps 0;



```
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-4582-359 : polymorphic base G or T
US-09-422-978-3882

Query Match          2.0%; Score 46.6; DB 1; Length 47;
Best Local Similarity 97.9%; Pred. No. 5.9;
Matches 46; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2271 ACAGGTTTACCGTGTAGCAGGATGCTCGATCTCTGACCTC 2317
      |||||
Db 1 ACAGGTTTACCGTGTAGCAGGATGCTCGATCTCTGACCTC 47

RESULT 28
US-09-513-999C-33702/c
; Sequence 33702, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59 US2, REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 33702
; LENGTH: 57
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-33702

Query Match          1.9%; Score 45.8; DB 1; Length 57;
Best Local Similarity 87.7%; Pred. No. 6.4;
Matches 50; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 2252 TTTTGTACTTTTAGTAGACAGGTTTACCGTGTAGCCAGGATGCTCTCGATCT 2308
      |||||
Db 57 TTTTGTACTTTTAGTAGACAGGTTTACCGTGTAGCCAGGATGCTCTCGAATCT 1

RESULT 29
US-09-443-199C-671/c
; Sequence 671, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 671
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (672 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
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```
; OTHER INFORMATION: Accession number cg42924993
US-09-443-199C-671

Query Match          1.8%; Score 43; DB 1; Length 51;
Best Local Similarity 90.2%; Pred. No. 9.8;
Matches 46; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2252 TTTTGTACTTTTAGTAGACAGGTTTACCGTGTAGCCAGGATGCTCT 2302
      |||||
Db 51 TTTTGTACTTTTAGTAGACAGGTTTACCGTGTAGCCAGGATGCTCT 1

RESULT 30
US-09-443-199C-1125
; Sequence 1125, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 1125
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (1126 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg42894694
US-09-443-199C-1125

Query Match          1.8%; Score 43; DB 1; Length 51;
Best Local Similarity 90.2%; Pred. No. 9.8;
Matches 46; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2252 TTTTGTACTTTTAGTAGACAGGTTTACCGTGTAGCCAGGATGCTCT 2302
      |||||
Db 1 TTTTGTACTTTTAGTAGACAGGTTTACCGTGTAGCCAGGATGCTCT 51

RESULT 31
US-09-641-638-659/c
; Sequence 659, Application US/09641638
; Patent No. 6432648
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bougueleret, Lydie
; APPLICANT: Chumakov, Ilya
; APPLICANT: Cohen, Annick
; TITLE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
; FILE REFERENCE: GENSET.051CP1
; CURRENT APPLICATION NUMBER: US/09/641,638
; CURRENT FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/502,330
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: US 60/133,200
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: US 09/275,267
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: US 60/119,917
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 1304
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; SOFTWARE: Patent.pm
; SEQ ID NO 659
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 10-520-256 : polymorphic base C or T
US-09-641-638-659

Query Match 1.8%; Score 42.6; DB 1; Length 47;
Best Local Similarity 97.7%; Pred. No. 11;
Matches 42; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGCTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCT 2316
|||||
Db 43 GGCTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCT 1

RESULT 32
US-10-170-097-659/c
; Sequence 659, Application US/10170097
; Patent No. 6794143
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bougueleret, Lydie
; APPLICANT: Chumakov, Ilya
; APPLICANT: Cohen, Annick
; TITLE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
; FILE REFERENCE: GEN-T14XC2D1
; CURRENT APPLICATION NUMBER: US/10/170,097
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/641,638
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/502,330
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: US 60/133,200
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: US 09/275,267
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: US 60/119,917
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 1304
; SOFTWARE: Patent.pm
; SEQ ID NO 659
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 10-520-256 : polymorphic base C or T
US-10-170-097-659

Query Match 1.8%; Score 42.6; DB 1; Length 47;
Best Local Similarity 97.7%; Pred. No. 11;
Matches 42; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGCTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCT 2316
|||||
Db 43 GGCTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCT 1

RESULT 33
US-09-422-978-646/c
; Sequence 646, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
```

---

```
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 646
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-1602-200 : polymorphic base G or C
US-09-422-978-646

Query Match 1.8%; Score 42.4; DB 1; Length 47;
Best Local Similarity 93.5%; Pred. No. 11;
Matches 43; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGCGGTTTTCACCGTGTAGCCAGGATGGTCTCGAT 2306
|||||
Db 47 TTTAGTAGACAGCGGTTTTCACCTGTGTAGCCAGGATGGTCTCGAT 2

RESULT 34
US-09-513-999C-26492
; Sequence 26492, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 26492
; LENGTH: 52
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 12
; OTHER INFORMATION: b=c or g or t
US-09-513-999C-26492

Query Match 1.8%; Score 41.6; DB 1; Length 52;
Best Local Similarity 86.5%; Pred. No. 12;
Matches 45; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2255 TGTACTTTTGTAGTAGACAGGGTTTTCACCGTGTAGCCAGGATGGTCTCGAT 2306
|||||
Db 1 TGTATTTTGTGBAGACACGGGGTTTTCGCCATGTTGCCAGGATGGTCTCGAT 52

RESULT 35
US-09-443-199C-672/c
; Sequence 672, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
```

; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: 15966-534A  
; CURRENT APPLICATION NUMBER: US/09/443,199C  
; CURRENT FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/109,024  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: CuraGen Patent Formatter Version 0.9  
; SEQ ID NO 672  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 2 of 2 allelic variants (671 is other entry)  
; NAME/KEY: misc\_feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number cg42924993  
US-09-443-199C-672

Query Match 1.7%; Score 41.4; DB 1; Length 51;  
Best Local Similarity 88.2%; Pred. No. 12;  
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCT 2302  
|||||  
Db 51 TTTTGTATTTTAGTAGACAGAGGTTTACCATGTGGCCAGGCTGGTCT 1

## RESULT 36

US-09-443-199C-913  
; Sequence 913, Application US/09443199C  
; Patent No. 6670464

; GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; APPLICANT: Leach, Martin  
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: 15966-534A  
; CURRENT APPLICATION NUMBER: US/09/443,199C  
; CURRENT FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/109,024  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: CuraGen Patent Formatter Version 0.9  
; SEQ ID NO 913  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 1 of 2 allelic variants (914 is other entry)  
; NAME/KEY: misc\_feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number cg43972482  
US-09-443-199C-913

Query Match 1.7%; Score 41.4; DB 1; Length 51;  
Best Local Similarity 88.2%; Pred. No. 12;  
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCTCGATCCTCG 2312  
|||||  
Db 1 TTAGTAGACAGAGGTTTACCATGTGGTCAGCTGGTCTCGAATCCTG 51

## RESULT 37

US-09-443-199C-1126  
; Sequence 1126, Application US/09443199C  
; Patent No. 6670464

; GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; APPLICANT: Leach, Martin  
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: 15966-534A  
; CURRENT APPLICATION NUMBER: US/09/443,199C  
; CURRENT FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/109,024  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: CuraGen Patent Formatter Version 0.9  
; SEQ ID NO 1126  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 2 of 2 allelic variants (1125 is other entry)  
; NAME/KEY: misc\_feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number cg42894694  
US-09-443-199C-1126

Query Match 1.7%; Score 41.4; DB 1; Length 51;  
Best Local Similarity 88.2%; Pred. No. 12;  
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCT 2302  
|||||  
Db 1 TTTTGTATTTTAGTAGACAGAGGTTTACCATGTGGCCAGGCTGGTCT 51

## RESULT 38

US-09-443-199C-911  
; Sequence 911, Application US/09443199C  
; Patent No. 6670464

; GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; APPLICANT: Leach, Martin  
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: 15966-534A  
; CURRENT APPLICATION NUMBER: US/09/443,199C  
; CURRENT FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/109,024  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: CuraGen Patent Formatter Version 0.9  
; SEQ ID NO 911  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 1 of 2 allelic variants (912 is other entry)  
; NAME/KEY: misc\_feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number cg43971764  
US-09-443-199C-911

Query Match 1.7%; Score 40.4; DB 1; Length 51;  
Best Local Similarity 97.6%; Pred. No. 14;  
Matches 41; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTGTGGGATTACAGGCATGAGCCACC 2371  
|||||  
Db 1 CCTCAGCCTCCCAAGTGTGGGATTACAGGCATGAGCCACC 42

## RESULT 39

US-09-443-199C-914  
; Sequence 914, Application US/09443199C  
; Patent No. 6670464

GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: 15966-534A  
; CURRENT APPLICATION NUMBER: US/09/443,199C  
; CURRENT FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/109,024  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: Curagen Patent Formatter Version 0.9  
; SEQ ID NO 914  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; NAME/KEY: misc\_feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 2 of 2 allelic variants (913 is other entry)  
; NAME/KEY: misc\_feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number cg43972482

US-09-443-199C-914

Query Match 1.7%; Score 39.8; DB 1; Length 51;  
Best Local Similarity 86.3%; Pred. No. 16;  
Matches 44; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2262 TTATGAGACAGGGTTTACCGTGTAGCCAGGATGCTCGATCTCCCTG 2312  
DB 1 TTATGAGACAGGGTTTACCGTGTAGCCAGGATGCTCGATCTCCCTG 51

RESULT 40

US-09-513-999C-18997/c  
; Sequence 18997, Application US/09513999C  
; Patent No. 6783961

GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Duclert, A.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.  
; Patent No. 6783961  
; FILE REFERENCE: 59 US2, REG  
; CURRENT APPLICATION NUMBER: US/09/513,999C  
; CURRENT FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/122,487  
; PRIOR FILING DATE: 1999-02-26  
; NUMBER OF SEQ ID NOS: 36681  
; SOFTWARE: Patent.pm  
; SEQ ID NO 18997  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-09-513-999C-18997

Query Match 1.7%; Score 39.8; DB 1; Length 51;  
Best Local Similarity 86.3%; Pred. No. 16;  
Matches 44; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2086 TTATTTTATTTTGGACCGAGCTTGTCTCTTACCCAGGCTGGAGTGC 2136  
DB 51 TTATTTTATTTTGGAGTGGATCTCACTCTGTGCCCAGGCTGGAGTGC 1

RESULT 41

US-09-443-199C-912  
; Sequence 912, Application US/09443199C  
; Patent No. 6670464

GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: 15966-534A  
; CURRENT APPLICATION NUMBER: US/09/443,199C  
; CURRENT FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/109,024  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: Curagen Patent Formatter Version 0.9  
; SEQ ID NO 912  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; NAME/KEY: misc\_feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 2 of 2 allelic variants (911 is other entry)  
; NAME/KEY: misc\_feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number cg43971764

US-09-443-199C-912

Query Match 1.6%; Score 38.8; DB 1; Length 51;  
Best Local Similarity 95.2%; Pred. No. 18;  
Matches 40; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTCTGGATTACAGGATGAGCCACC 2371  
DB 1 CCTCAGCTCCCAAGTCTGGATCACAGGATGAGCCACC 42

RESULT 42

US-09-540-699-17  
; Sequence 17, Application US/09540699  
; Patent No. 6383752

GENERAL INFORMATION:  
; APPLICANT: Agrawal, Sudhir  
; APPLICANT: Kandimalla, Ekambar R.  
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases  
; FILE REFERENCE: 99,128-B  
; CURRENT APPLICATION NUMBER: US/09/540,699  
; CURRENT FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: US 60/127,138  
; PRIOR FILING DATE: 1999-03-31  
; PRIOR APPLICATION NUMBER: US 60/174,642  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 17  
; LENGTH: 40  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide  
; OTHER INFORMATION: that is complementary to a portion of the human  
; OTHER INFORMATION: MDW2 mRNA

US-09-540-699-17

Query Match 1.6%; Score 38.4; DB 1; Length 40;  
Best Local Similarity 97.5%; Pred. No. 20;  
Matches 39; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 659 GGACTCAGGTACATCTGTGAGTGAGAACAGGTGTACACCTT 698  
DB 1 GGACCCAGGTACATCTGTGAGTGAGAACAGGTGTACACCTT 40

RESULT 43

US-09-060-023A-1/c  
; Sequence 1, Application US/09060023A

```

; Patent No. 6391642
; GENERAL INFORMATION:
; APPLICANT: Resnick, Michael A.
; APPLICANT: Larionov, Vladimir L.
; APPLICANT: Kouprina, Natalay Y.
; APPLICANT: Perkins, Edward L.
; TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION
; TITLE OF INVENTION: CLONING
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Needle & Rosenberg, P.C.
; STREET: Suite 1200, 127 Peachtree Street, N.E.
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,023A
; FILING DATE: April 14, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11478
; FILING DATE: JULY 9, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Periyman, David G.
; REGISTRATION NUMBER: 33,438
; REFERENCE/DOCKET NUMBER: 14014.0291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404-688-0770
; TELEFAX: 404-688-9880
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-060-023A-1

```

```
Query Match          1.6%; Score 38.4; DB 1; Length 40;
Best Local Similarity 97.5%; Pred. NO. 20;
Matches 39; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 2332 TCGGCTCCCAAAGTCTGGATTACAGCATGAGCCACC 2371  
|||  
Db 40 TCGGCTCCCAAAGTCTGGATTACAGCGTGAGCCACC 1

```

RESULT 44
US-09-422-978-2999
; Sequence 2999, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 2999
; LENGTH: 47

```

```

; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-21516-293 : polymorphic base G or T
US-09-422-978-2999

Query Match
Best Local Similarity 1.6%; Score 37; DB 1; Length 47;
Matches 40; Conservative 1; Mismatches 6; Indels 0

Qy 2322 TCCGCCACCTCGGCCTCCCAAGTCGTGGATTACAGGCATGAGCC 2368
|||||
Db 1 TCCGCCTGCCTCAGCCTCCCAAAKTGCTAGGATTATAGGCGTGAGCC 47
|||||

```

```

RESULT 45
US-08-255-889-10
; Sequence 10, Application US/08255889
; Patent No. 5525467
; GENERAL INFORMATION:
; APPLICANT: ANAND, RAKESH
; TITLE OF INVENTION: AMPLIFICATION METHODS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DARBY & CUSHMAN
; STREET: 1615 L STREET, N.W.
; CITY: WASHINGTON, D.C.
; STATE:
; COUNTRY: U.S.A.
; ZIP: 20036

```

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5"  
COMPUTER: IBM PC  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: ASCII from WPS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255,889  
FILING DATE:

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 9112801.7  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112795.1  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112797.7  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112799.3  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: US 07/899,067  
FILING DATE: 12-JUN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKULIS, PAUL N.  
REGISTRATION NUMBER: 16773  
REFERENCE/DOCKET NUMBER: 96358/PH.36394/US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 861-3000  
TELEFAX: (202) 822-0944  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 35  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-255-889-10

```

Query Match      1.4%; Score 34.2; DB 1; Length 35;
Best Local Similarity 94.3%; Pred. No. 39;
Matches 33; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      2335 GCCTCCCAAGTCTGGGATTACAGGCATGAGCCA 2369
      |||||

```



Db 1 GCCTCCCAAGTCTGGGATTACAGGYRTGAGCCA 35

## RESULT 46

US-09-540-699-20/c  
; Sequence 20, Application US/09540699  
; Patent No. 6383752  
; GENERAL INFORMATION:  
; APPLICANT: Agrawal, Sudhir  
; APPLICANT: Kandimala, Ekambar R.  
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases  
; FILE REFERENCE: 99,128-B  
; CURRENT APPLICATION NUMBER: US/09/540,699  
; CURRENT FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: US 60/127,138  
; PRIOR FILING DATE: 1999-03-31  
; PRIOR APPLICATION NUMBER: US 60/174,642  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 20  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: MDM2 mRNA  
; OTHER INFORMATION: probe; +338 to +389.  
US-09-540-699-20

Query Match 1.2%; Score 29; DB 1; Length 29;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 649 AGGAATCATCGGACTCAGGTACATCTGTG 677  
Db 29 AGGAATCATCGGACTCAGGTACATCTGTG 1

## RESULT 47

US-08-859-998-27  
; Sequence 27, Application US/08859998  
; Patent No. 5994076  
; GENERAL INFORMATION:  
; APPLICANT: Chenchik, Alex  
; APPLICANT: Jokhadze, George  
; APPLICANT: Bibilashvili, Robert  
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 1375  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 2200 Sand Hill Road, Suite 100  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/859,998  
; FILING DATE: 21-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Field, Bret E.  
; REGISTRATION NUMBER: 37,620  
; REFERENCE/DOCKET NUMBER: 09096/002001  
; TELECOMMUNICATION INFORMATION:

Query Match 1.2%; Score 29; DB 1; Length 29;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; TELEPHONE: 415-322-5070  
; TELEFAX: 415-854-0875  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-27

Query Match 1.2%; Score 28; DB 1; Length 28;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 GGAGATATCTTGTGAAGAAGCAGTAGC 947  
Db 1 GGAGATATCTTGTGAAGAAGCAGTAGC 28

## RESULT 48

US-08-859-998-28/c  
; Sequence 28, Application US/08859998  
; Patent No. 5994076  
; GENERAL INFORMATION:  
; APPLICANT: Chenchik, Alex  
; APPLICANT: Jokhadze, George  
; APPLICANT: Bibilashvili, Robert  
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 1375  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 2200 Sand Hill Road, Suite 100  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/859,998  
; FILING DATE: 21-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Field, Bret E.  
; REGISTRATION NUMBER: 37,620  
; REFERENCE/DOCKET NUMBER: 09096/002001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-322-5070  
; TELEFAX: 415-854-0875  
; INFORMATION FOR SEQ ID NO: 28:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-28

Query Match 1.2%; Score 28; DB 1; Length 28;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1204 CCTAGCTGACTATTGGAATGCATTC 1231
      |||||||
Db 28 CCTAGCTGACTATTGGAATGCATTC 1

RESULT 49
US-09-225-928-27
; Sequence 27, Application US/09225928
; Patent No. 6352829
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;      Jokhadze, George
;      Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;      EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER: US/09/225,928
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER: US/09/225,928
; APPLICATION DATA:
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-225-928-27
      Query Match      1.2%; Score 28; DB 1; Length 28;
      Best Local Similarity 100.0%; Pred. No. 1e+02;
      Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 GGAGATATGTTGTGAAGACGATGAC 947
      |||||||
Db 1 GGAGATATGTTGTGAAGACGATGAC 28

RESULT 50
US-09-225-928-28/c
; Sequence 28, Application US/09225928
; Patent No. 6352829
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;      Jokhadze, George
;      Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
      EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER: US/09/225,928
; APPLICATION DATA:
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-225-928-28
      Query Match      1.2%; Score 28; DB 1; Length 28;
      Best Local Similarity 100.0%; Pred. No. 1e+02;
      Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1204 CCTAGCTGACTATTGGAATGCATTC 1231
      |||||||
Db 28 CCTAGCTGACTATTGGAATGCATTC 1

RESULT 51
US-09-540-699-16
; Sequence 16, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimala, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
```



SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 196  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOC4 1287  
US-09-304-232-196

Query Match 1.1%; Score 27; DB 1; Length 29;  
Best Local Similarity 93.1%; Pred. No. 1.1e+02;  
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGCTCCCAAGTGGGATTACAGG 2360  
DB 1 TTGGCTCCCAAGTGGGATTACAGG 29

RESULT 55  
US-09-304-232-513  
; Sequence 513 Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 513  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: GLUT4EX11 941  
US-09-304-232-513

Query Match 1.1%; Score 27; DB 1; Length 29;  
Best Local Similarity 93.1%; Pred. No. 1.1e+02;  
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2281 ACCGGTTAGCCAGGATGCTCGATCTC 2309  
DB 1 ACCATGTTAGCCAGGATGCTCGATCTC 29

RESULT 56  
US-09-304-232-571  
; Sequence 571 Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 571  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: HSTSCGENE 3838  
US-09-304-232-571

Query Match 1.1%; Score 27; DB 1; Length 29;  
Best Local Similarity 93.1%; Pred. No. 1.1e+02;  
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAGTCTGGGATTACAGGCTGAGC 2367  
DB 1 CCCAAGTCTGGGATTACAGGCTGAGC 29

RESULT 57  
US-09-280-805-270/c  
; Sequence 270, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 270:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 26 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-270

Query Match 1.1%; Score 26; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 415 TGAAGTTATTAAAGTCTGTGGTGCA 440  
DB 26 TGAAGTTATTAAAGTCTGTGGTGCA 1

RESULT 58  
US-09-540-699-18

; Sequence 18, Application US/09540699  
; Patent No. 6383752  
; GENERAL INFORMATION:  
; APPLICANT: Agrawal, Sudhir  
; APPLICANT: Kandimalia, Ekambar R.  
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases  
; FILE REFERENCE: 99,128-B  
; CURRENT APPLICATION NUMBER: US/09/540,699  
; CURRENT FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: US 60/127,138  
; PRIOR FILING DATE: 1999-03-31  
; PRIOR APPLICATION NUMBER: US 60/174,642  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 18  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: MDM2 mRNA  
; OTHER INFORMATION: forward primer; +311 to +366).  
US-09-540-699-18

Query Match 1.1%; Score 26; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 622 ACAGGAACCTGGTAGTAGTCAATCAG 647  
|||||  
Db 1 ACAGGAACCTGGTAGTAGTCAATCAG 26

RESULT 59  
US-09-304-232-503  
; Sequence 503, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; TITLE OF INVENTION: Polymorphisms Associated With  
; TITLE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 503  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: GLUT4EX11 1005  
US-09-304-232-503

Query Match 1.1%; Score 26; DB 1; Length 29;  
Best Local Similarity 92.9%; Pred. No. 1.3e+02;  
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGCATGAGCCG 2372  
|||||  
Db 1 GTGCTGGGATTACAGGCATGAGCCG 28

RESULT 60  
US-09-480-718-35  
; Sequence 35, Application US/09480718  
; Patent No. 6407062

; GENERAL INFORMATION:  
; APPLICANT: Sherr, Charles J  
; APPLICANT: Quelle, Dawn E  
; APPLICANT: Weber, Jason D.  
; APPLICANT: Roussel, Martine F.  
; APPLICANT: Frederique, Zindy  
; TITLE OF INVENTION: ARF-19, A NOVEL REGULATOR OF THE MAMMALIAN CELL CYCLE  
; FILE REFERENCE: 1340-1-023 CIP 1  
; CURRENT APPLICATION NUMBER: US/09/480,718  
; CURRENT FILING DATE: 2000-01-07  
; EARLIER APPLICATION NUMBER: 09/129,855  
; EARLIER FILING DATE: 1998-08-06  
; NUMBER OF SEQ ID NOS: 48  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 35  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-480-718-35

Query Match 1.1%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 1.3e+02;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGCTGTACCTAC 340  
|||||  
Db 1 ATGTGCAATACCAACATGCTGTGCTAC 29

RESULT 61  
US-09-304-232-156  
; Sequence 156, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; TITLE OF INVENTION: Polymorphisms Associated With  
; TITLE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 156  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOC1EX1 1020  
US-09-304-232-156

Query Match 1.1%; Score 25.4; DB 1; Length 29;  
Best Local Similarity 89.7%; Pred. No. 1.4e+02;  
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGACAGGGTTTCAC 2282  
|||||  
Db 1 TTGTATTTTCAGTAKAGACAGGGTTTCAC 29

RESULT 62  
US-09-304-232-195  
; Sequence 195, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing

APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 195  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1281  
US-09-304-232-195

Query Match 1.1%; Score 25.4; DB 1; Length 29;  
Best Local Similarity 89.7%; Pred. No. 1.4e+02;  
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAGTCTGGGAT 2354  
|||||  
Db 1 CCCGCTTGGCTCTCAAAAGTCTGGGAT 29

## RESULT 63

US-09-304-232-512  
Sequence 512, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 512  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: GLUT4EX11 935  
US-09-304-232-512

Query Match 1.1%; Score 25.4; DB 1; Length 29;  
Best Local Similarity 89.7%; Pred. No. 1.4e+02;  
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2275 GGTTCACCGTGTAGCCAGGATGCTC 2303  
|||||  
Db 1 GGTTCACCATGTTGCCAGATGCTC 29

## RESULT 64

US-09-304-232-705  
Sequence 705, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda

APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 705  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PGISEX10 3186  
US-09-304-232-705

Query Match 1.1%; Score 25.4; DB 1; Length 29;  
Best Local Similarity 89.7%; Pred. No. 1.4e+02;  
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2319 TGATCCGCCACCTCGGCTCCCAAGTG 2347  
|||||  
Db 1 TGATCGCCGCTTGGCTCCCAAGTG 29

## RESULT 65

US-09-280-805-271  
Sequence 271, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 271:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-271

Query Match 1.1%; Score 25; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 355 CCACCTCACAGATTCAGCTTCGGA 379  
|||  
DB 1 CCACCTCACAGATTCAGCTTCGGA 25

RESULT 66  
US-09-837-149-4  
; Sequence 4, Application US/09837149  
; Patent No. 6448014  
; GENERAL INFORMATION:  
; APPLICANT: Cloyd, Miles W.  
; APPLICANT: Yeh, Chi-Cheng M.  
; APPLICANT: Chen, Jianmin  
; TITLE OF INVENTION: PCR-Hybridization Assays Specific for  
; TITLE OF INVENTION: Integrated Retroviruses  
; FILE REFERENCE: D6285  
; CURRENT APPLICATION NUMBER: US/09/837,149  
; CURRENT FILING DATE: 2001-04-18  
; PRIOR APPLICATION NUMBER: US 60/198,884  
; PRIOR FILING DATE: 2000-04-19  
; NUMBER OF SEQ ID NOS: 4  
; SEQ ID NO 4  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; NAME/KEY: primer  
; FEATURE:  
; OTHER INFORMATION: primer for the Alu sequence in the human  
; OTHER INFORMATION: chromosomal DNA  
US-09-837-149-4

Query Match 1.1%; Score 25; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTCTGGATTACAG 2359  
|||  
DB 1 GCCTCCCAAGTCTGGATTACAG 25

RESULT 67  
US-09-304-232-703  
; Sequence 703, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; TITLE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 703  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISEX10 3139  
US-09-304-232-703

Query Match 1.1%; Score 25; DB 1; Length 29;

Best Local Similarity 92.6%; Pred. No. 1.5e+02;  
Matches 25; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCAGGATGTT 2300  
|||  
DB 3 GGATTTACCGTGTAGCCAGGATGTT 29

RESULT 68  
US-09-304-232-193  
; Sequence 193, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; TITLE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 193  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOC4 1150  
US-09-304-232-193

Query Match 1.0%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 1.6e+02;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2343 AAGTCTGGATTACAGGATGAGCCAC 2370  
|||  
DB 1 AAGTCTGGATTACAGGATGAGCCAC 28

RESULT 69  
US-09-304-232-698  
; Sequence 698, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; TITLE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 698  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISEX10 3009  
US-09-304-232-698

Query Match 1.0%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 1.6e+02;







```

; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 589
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IAPPEX3 848
US-09-304-232-589

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2105 CGAGTCTGCTCTGTACCCAGGCTGGAG 2133
Db 29 CGAGTCTGCTCTGTGACCCAGGCTGGAG 1

RESULT 79
US-09-304-232-685/c
; Sequence 685, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 685
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 1500
US-09-304-232-685

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2267 AGAGACAGGTTTACCGTGTACCCAGG 2295
Db 29 AGAGACAGGTTTCCCATGTTGCCAGG 1

RESULT 80
US-09-060-023A-4
; Sequence 4, Application US/09060023A
; Patent No. 6391642
; GENERAL INFORMATION:
; APPLICANT: Resnick, Michael A.
; APPLICANT: Larionov, Vladimir L.
; APPLICANT: Kouprina, Natalay Y.
; APPLICANT: Perkins, Edward L.
; TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION
; TITLE OF INVENTION: CLONING
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Needle & Rosenberg, P.C.
; STREET: Suite 1200, 127 Peachtree Street, N.E.
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,023A
; FILING DATE: April 14, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11478
; FILING DATE: JULY 9, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perryman, David G.
; REGISTRATION NUMBER: 33,438
; REFERENCE/DOCKET NUMBER: 14014.0291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404-688-0770
; TELEFAX: 404-688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-060-023A-4

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2097 TTTGACACGAGTCTGCTCTGTACCCAG 2126
Db 1 TTTGACACGAGTCTGCTCTGTGCCCCAG 30

RESULT 81
US-09-385-917-4/c
; Sequence 4, Application US/09385917
; Patent No. 6294546
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn
; APPLICANT: Musser, John
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
; TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
; FILE REFERENCE: SUN-96PRV
; CURRENT APPLICATION NUMBER: US/09/385,917
; CURRENT FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-385-917-4

Query Match 1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 1374 GAGGGCTTTGATGTTCTCTGATTG 1396  
|||||  
Db 23 GAGGGCTTTGATGTTCTCTGATTG 1

## RESULT 82

US-09-884-898-4/c  
; Sequence 4, Application US/09884898  
; Patent No. 6537984  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Glenn D.  
; APPLICANT: Lennox, Edwin S.  
; APPLICANT: Musser, John H.  
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN  
; FILE REFERENCE: ANTI-PROLIFERATIVE AGENT  
; CURRENT APPLICATION NUMBER: US/09/884,898  
; CURRENT FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: 09/385,917  
; PRIOR FILING DATE: 1999-08-30  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: Fast-SEQ for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: H. sapiens  
US-09-884-898-4

Query Match 1.0%; Score 23; DB 1; Length 23;  
Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1374 GAGGGCTTTGATGTTCTCTGATTG 1396  
|||||  
Db 23 GAGGGCTTTGATGTTCTCTGATTG 1

## RESULT 83

US-09-935-794-4/c  
; Sequence 4, Application US/09935794  
; Patent No. 6599499  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Glenn D.  
; APPLICANT: Lennox, Edwin S.  
; APPLICANT: Musser, John H.  
; TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an  
; FILE REFERENCE: Anti-Proliferative Agent  
; CURRENT APPLICATION NUMBER: US/09/935,794  
; CURRENT FILING DATE: 2001-08-22  
; PRIOR APPLICATION NUMBER: 09/385,917  
; PRIOR FILING DATE: 1999-08-30  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: Fast-SEQ for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-935-794-4

Query Match 1.0%; Score 23; DB 1; Length 23;  
Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1374 GAGGGCTTTGATGTTCTCTGATTG 1396  
|||||  
Db 23 GAGGGCTTTGATGTTCTCTGATTG 1

## RESULT 84

US-08-859-998-66  
; Sequence 66, Application US/08859998  
; Patent No. 5994076

GENERAL INFORMATION:  
; APPLICANT: Chenchik, Alex  
; APPLICANT: Jokhadze, George  
; APPLICANT: Bibilashvilli, Robert  
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
; NUMBER OF SEQUENCES: 1375  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 2200 Sand Hill Road, Suite 100  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94025  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FastSEQ for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/859,998  
; FILING DATE: 21-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Field, Bret E.  
; REGISTRATION NUMBER: 37,620  
; REFERENCE/DOCKET NUMBER: 09096/002001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-322-5070  
; TELEFAX: 415-854-0875  
; INFORMATION FOR SEQ ID NO: 66:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 26 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-66  
  
Query Match 1.0%; Score 22.8; DB 1; Length 26;  
Best Local Similarity 92.3%; Pred. No. 2.1e+02;  
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 2342 AAAGTGCTGGATTACAGGCATGAGC 2367  
|||||  
Db 1 AAAGTGCTAGGATTACAGGCGTGAGC 26  
|||||  
  
RESULT 85  
US-09-225-928-66  
; Sequence 66, Application US/09225928  
; Patent No. 6352829  
; GENERAL INFORMATION:  
; APPLICANT: Chenchik, Alex  
; APPLICANT: Jokhadze, George  
; APPLICANT: Bibilashvilli, Robert  
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
; NUMBER OF SEQUENCES: 1375  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 2200 Sand Hill Road, Suite 100  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94025  
; MEDIUM TYPE: Diskette  
; COMPUTER READABLE FORM:  
; COMPUTER TYPE: Diskette

```

;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,928
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
;
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 66:
US-09-225-928-66

Query Match 1.0%; Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGCGTGAGC 2367
Db 1 AAAGTCTAGGATTACAGCGTGAGC 26

RESULT 86
US-09-367-750-10
; Sequence 10, Application US/09367750
; Patent No. 6436639
;
; GENERAL INFORMATION:
; APPLICANT: Kiefer, Michael C.
; APPLICANT: Osina, Natalya K.
; TITLE OF INVENTION: Bak PROMOTER EXPRESSION SYSTEM
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LXR BIOTECHNOLOGY INC.
; STREET: 3095 Richmond Parkway, Suite 213
; CITY: Richmond
; STATE: CA
; COUNTRY: USA
; ZIP: 94806
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/367,750
; FILING DATE: 07-DEC-1999
; CLASSIFICATION: 435
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Theresa A.
; REGISTRATION NUMBER: 32,547
; REFERENCE/DOCKET NUMBER: 4147-14-PUS
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
;
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs

```

```

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-367-750-10
;
; Query Match 1.0%; Score 22.8; DB 1; Length 26;
; Best Local Similarity 92.3%; Pred. No. 2.1e+02;
; Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2264 AGTAGACAGCGGTTTCACCGTGTTA 2289
; Db 1 AGTAGACAGCGGTTTCACCATGTTA 26
;
; RESULT 87
; US-09-225-201B-66
; Sequence 66, Application US/09225201B
; Patent No. 6489455
;
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; Jekhadze, George
; Bibilashvili, Robert
;
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
;
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
;
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 66:
US-09-225-201B-66

Query Match 1.0%; Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGCGTGAGC 2367
Db 1 AAAGTCTAGGATTACAGCGTGAGC 26

RESULT 88

```

RESULT 88

```
US-09-304-232-511
; Sequence 511, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 511
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 930
US-09-304-232-511

Query Match          1.0%; Score 22.8; DB 1; Length 29;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 24; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2271 ACAGGTTTCACCGTGTAGCCAGGATG 2298
||| ||||| ||||| ||||| ||||| |||||
Db 2 ACAGGTTTCACCGTGTAGCCAGGATG 29

RESULT 89
US-09-304-232-697
; Sequence 697, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 697
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 2374
US-09-304-232-697

Query Match          1.0%; Score 22.8; DB 1; Length 29;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 24; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2106 GAGTCTGCTCTGTATCCAGGCTGGAG 2133
||||| ||||| ||||| ||||| |||||
Db 2 GAGTCTGCTCTGTATCCAGGCTGGAG 29

RESULT 90
US-08-454-557C-6/c
; Sequence 6, Application US/08454557C
; Patent No. 5830670
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/454,557C
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-454-557C-6

Query Match          1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTTCAGCACCATTCTCTGCTCAGCTCCC 2207
||| ||| ||||| ||||| ||||| |||||
Db 30 TTTCAGCAGATTCTCTGCTCAGCTCCC 2

RESULT 91
US-08-340-426D-6/c
; Sequence 6, Application US/08340426D
; Patent No. 5948634
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/340,426D
; FILING DATE: 14-NOV-1994
```

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; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-340-426D-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTGCGACCATTCCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2

RESULT 92
US-08-450-673C-6/c
; Sequence 6, Application US/08450673C
; Patent No. 5948888
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450.673C
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-450-673C-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTGCGACCATTCCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2

RESULT 93
PCT-US95-17111A-6/c
; Sequence 6, Application PC/TUS9517111A
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and
; TITLE OF INVENTION: Detection of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/17111A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/340,426
; FILING DATE: 14-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
PCT-US95-17111A-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTGCGACCATTCCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2

RESULT 94
US-08-579-445-10/c
; Sequence 10, Application US/08579445
; Patent No. 6566053
; GENERAL INFORMATION:
; APPLICANT: Perucho, Manuel
; APPLICANT: Peinado, Miguel A.
; APPLICANT: Ionov, Yuri
; APPLICANT: Malkhosyan, Sergei
; TITLE OF INVENTION: Identification of Neoplasms by Detection
; TITLE OF INVENTION: of Genetic Deletions
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
```

```

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-340-426D-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTGCGACCATTCCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2

RESULT 92
US-08-450-673C-6/c
; Sequence 6, Application US/08450673C
; Patent No. 5948888
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450.673C
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-450-673C-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTGCGACCATTCCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2

RESULT 93
PCT-US95-17111A-6/c
; Sequence 6, Application PC/TUS9517111A
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and
; TITLE OF INVENTION: Detection of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/17111A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/340,426
; FILING DATE: 14-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
PCT-US95-17111A-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTGCGACCATTCCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2

RESULT 94
US-08-579-445-10/c
; Sequence 10, Application US/08579445
; Patent No. 6566053
; GENERAL INFORMATION:
; APPLICANT: Perucho, Manuel
; APPLICANT: Peinado, Miguel A.
; APPLICANT: Ionov, Yuri
; APPLICANT: Malkhosyan, Sergei
; TITLE OF INVENTION: Identification of Neoplasms by Detection
; TITLE OF INVENTION: of Genetic Deletions
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/579,445
; APPLICATION NUMBER: US/08/579,445
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,484
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kirkpatrick, Anita M.
; REGISTRATION NUMBER: 32,617
; REFERENCE/DOCKET NUMBER: STRATAG.009A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; IMMEDIATE SOURCE:
; CLONE: ALU
; US-08-579-445-10.
```

```
Query Match 0.9%; Score 22.4; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 2.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2260 TTTTAGTAGACAGAGGTTTCACC 2283
|||||
DB 24 TTTTAGTAGACAGAGGTTTCACC 1
```

```
RESULT 95
US-09-304-232-183/c
; Sequence 183, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 183
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1817
; US-09-304-232-183
```

```
Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 2270 GACAGGGTTTCACCGTTAGCCAGGATG 2298
```

```
DB 29 GATGGGTTTCACCRGTGGCCAGGTG 1
|||||
```

```
RESULT 96
US-09-304-232-209/c
; Sequence 209, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 209
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 2345
; US-09-304-232-209
```

```
Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 2222 ACAGTCATCGCACACACCTGGCTAAT 2250
|||||
DB 29 ACAGGCATCTGCAYCATGCCGGCTAAT 1
```

```
RESULT 97
US-09-304-232-210/c
; Sequence 210, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 210
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 2366
; US-09-304-232-210
```

```
Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 2335 GCCTCCAAAGTCTGGGATTACAGGCAT 2363
|||||
```

Db 29 GCCTCCGAGTAGCGGATTACAGGCAT 1

RESULT 98  
US-09-304-232-686/c  
; Sequence 686, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 686  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISEX10 1505  
US-09-304-232-686

Query Match 0.9%; Score 22.2; DB 1; Length 29;  
Best Local Similarity 82.8%; Pred. No. 2.2e+02;  
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGCGGTTTCACCGTTTAG 2290

Db 29 TTAGTAGACAGCGGTTTCGCCATGTTGG 1

RESULT 99  
US-09-304-232-696  
; Sequence 696, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 696  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISEX10 2967  
US-09-304-232-696

Query Match 0.9%; Score 22.2; DB 1; Length 29;  
Best Local Similarity 82.8%; Pred. No. 2.2e+02;  
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2098 TTGAGACCGAGTTCCTCTCTTACCCAG 2126

Db 1 TTGAGATGGAGTCTYGTCTCTGCTGCCAG 29

RESULT 100  
US-09-304-232-700  
; Sequence 700, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 700  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISEX10 3061  
US-09-304-232-700

Query Match 0.9%; Score 22.2; DB 1; Length 29;  
Best Local Similarity 82.8%; Pred. No. 2.2e+02;  
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2193 CTCGCTCAGCCTCCCAATTAGCTTGGCCT 2221

Db 1 CTCGCTCAGCCTCCYCGAGTAGCTGGGACT 29

RESULT 101  
US-09-304-232-863  
; Sequence 863, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 863  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: TBXA2REX3 953  
US-09-304-232-863

Query Match 0.9%; Score 22.2; DB 1; Length 29;  
Best Local Similarity 82.8%; Pred. No. 2.2e+02;  
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTGCGACCAATTCTCTGCTTCAGCCTCCC 2207

Db 1 TTCAAGCGATTCTCTGCTTCAGCCTCCC 29



```

RESULT 102
US-08-635-820A-1
; Sequence 1, Application US/08635820A
; Patent No. 5817462
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOR
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
; STREET: 2940 Birchfree lane
; CITY: Silver Spring
; STATE: Maryland
; COUNTRY: United States of America
; ZIP: 20906
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/635,820A
; FILING DATE: 22-Apr-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/107,673
; FILING DATE: 18-Aug-93
; APPLICATION NUMBER: 08/392,019
; FILING DATE: 21-Feb-95
; APPLICATION NUMBER: 08/571,047
; FILING DATE: 12-Dec-95
; APPLICATION NUMBER: 08/575,191
; FILING DATE: 20-Dec-95
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 205/15
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-635-820A-1
;
Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTACAG 2359
Db 1 TCCCAAAGTCTGGGATTACAG 22

RESULT 103
US-09-100-104-1
; Sequence 1, Application US/09100104
; Patent No. 6066459
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE
; TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND
; TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina

```

```

; STREET: 20001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/100,104
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/107,673
; FILING DATE: 18-Aug-93
; APPLICATION NUMBER: 08/392,019
; FILING DATE: 21-Feb-95
; APPLICATION NUMBER: 08/571,047
; FILING DATE: 12-Dec-95
; APPLICATION NUMBER: 08/575,191
; FILING DATE: 20-Dec-95
; APPLICATION NUMBER: 08/635,820
; FILING DATE: 22-Apr-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 205/15
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-100-104-1
;
Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTACAG 2359
Db 1 TCCCAAAGTCTGGGATTACAG 22

RESULT 104
US-09-385-917-3
; Sequence 3, Application US/09385917
; Patent No. 6294546
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn
; APPLICANT: Musser, John
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
; TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
; FILE REFERENCE: SUN-96PRV
; CURRENT APPLICATION NUMBER: US/09/385,917
; CURRENT FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: H. sapiens
; US-09-385-917-3
;
Query Match 0.9%; Score 22; DB 1; Length 22;

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Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 639 GTCAATCAGCAGGAATCATCGG 660  
Db 1 GTCAATCAGCAGGAATCATCGG 22

## RESULT 105

US-09-540-699-19/c  
; Sequence 19, Application US/09540699  
; Patent No. 6383752  
; GENERAL INFORMATION:  
; APPLICANT: Agrawal, Sudhir  
; APPLICANT: Kandimala, Ekambar R.  
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases  
; FILE REFERENCE: 99,128-B  
; CURRENT APPLICATION NUMBER: US/09/540,699  
; PRIOR FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: US 60/127,138  
; PRIOR FILING DATE: 1999-03-31  
; PRIOR APPLICATION NUMBER: US 60/174,642  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 19  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: MDW2 mRNA  
US-09-540-699-19

Query Match 0.9%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 679 GTGAGACAGGTTGCACCTTGA 700  
Db 22 GTGAGACAGGTTGCACCTTGA 1

## RESULT 106

US-09-884-898-3  
; Sequence 3, Application US/09884898  
; Patent No. 6537984  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Glenn D.  
; APPLICANT: Lennox, Edwin S.  
; APPLICANT: Musser, John H.  
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN  
; FILE REFERENCE: STAN096DIV  
; CURRENT APPLICATION NUMBER: US/09/884,898  
; PRIOR FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: 09/385,917  
; PRIOR FILING DATE: 1999-08-30  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: H. sapiens  
US-09-884-898-3

Query Match 0.9%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 639 GTCAATCAGCAGGAATCATCGG 660  
Db 1 GTCAATCAGCAGGAATCATCGG 22

## RESULT 107

US-09-935-794-3  
; Sequence 3, Application US/09935794  
; Patent No. 6599499  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Glenn D.  
; APPLICANT: Lennox, Edwin S.  
; APPLICANT: Musser, John H.  
; TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an  
; FILE REFERENCE: STAN096CIP  
; CURRENT APPLICATION NUMBER: US/09/935,794  
; PRIOR FILING DATE: 2001-08-22  
; PRIOR APPLICATION NUMBER: 09/385,917  
; PRIOR FILING DATE: 1999-08-30  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-935-794-3

Query Match 0.9%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 639 GTCAATCAGCAGGAATCATCGG 660  
Db 1 GTCAATCAGCAGGAATCATCGG 22

## RESULT 108

US-09-526-193A-275/c  
; Sequence 275, Application US/09526193A  
; Patent No. 6617122  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; APPLICANT: Pimstone, Simon N.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING  
; FILE REFERENCE: 50110/002005  
; CURRENT APPLICATION NUMBER: US/09/526,193A  
; CURRENT FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 275  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-526-193A-275

Query Match 0.9%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCCTGCTCAGCCTCCCAA 2209  
Db 22 TTCTCCTGCTCAGCCTCCCAA 1

## RESULT 109

```
US-09-304-232-181/c
; Sequence 181, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 181
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1736
; US-09-304-232-181

Query Match 0.9%; Score 22; DB 1; Length 29;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2349 TGGGATTACAGCATGACGCCACG 2372
Db 29 TGGGATTACAGCAYGAGCCACTG 6

RESULT 110
US-09-304-232-509
; Sequence 509, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 509
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 884
; US-09-304-232-509

Query Match 0.9%; Score 22; DB 1; Length 29;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2231 TGCACACACCTGGCTAAATTTT 2254
Db 6 TGCACACACCTGGCTAAATTTAT 29

RESULT 111
US-09-155-758-8
; Sequence 8, Application US/09155758
; Patent No. 6165711
; GENERAL INFORMATION:
; APPLICANT: DORNER, Friedrich
; APPLICANT: BARRETT, No. 61657111
; APPLICANT: EIBL, Johann
; TITLE OF INVENTION: PROCESS FOR DISINTEGRATING NUCLEIC ACIDS
; TITLE OF INVENTION: AND PREPARING BIOLOGICAL PRODUCTS OF GUARANTEED QUALITY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,758
; FILING DATE: 18-NOV-1998
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/AT97/00068
; FILING DATE: 08-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AT A 629/96
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: ISACSON, John P.
; REGISTRATION NUMBER: 33,715
; REFERENCE/DOCKET NUMBER: 040433/0170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
; US-09-155-758-8

Query Match 0.9%; Score 21.6; DB 1; Length 28;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2100 GAGACGAGCTCTGCTCTCTTACCCAGG 2127
Db 1 GAGACAGAGCTCGCTCTCTGCGCCAGG 28

RESULT 112
US-08-849-701-11/c
; Sequence 11, Application US/08849701
; Patent No. 5922544
; GENERAL INFORMATION:
; APPLICANT: Miyai, Kiyoshi
; APPLICANT: Naitoh, Tsutomu
; APPLICANT: Yonekawa, Toshihiro
; TITLE OF INVENTION: Method of Cell Detection
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
```

ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,701  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP95/02734  
FILING DATE: 27-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: EIKEN1.001APC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
TELEX:

INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-849-701-11

Query Match 0.9%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 2.6e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAAGTCTGGGATTAC 2357  
DB 23 GCCTCCCAAAGTCTGGGATTAC 1

## RESULT 113

US-08-781-891-30/c  
Sequence 30, Application US/08781891  
Patent No. 6090620  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
APPLICANT: Yu, Chang-En  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
APPLICANT: Schellenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
TITLE OF INVENTION: WERNER'S SYNDROME  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/781,891  
FILING DATE: 27-DEC-1996  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6090620tenburg Ph.D., Carol  
REGISTRATION NUMBER: 39,317  
REFERENCE/DOCKET NUMBER: 240052.419  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-781-891-30

Query Match 0.9%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 2.6e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2336 CCTCCCAAAGTCTGGGATTACA 2358  
DB 23 CCTCCCAAAGTCTGGGATTACA 1

## RESULT 114

US-09-618-166-30/c  
Sequence 30, Application US/09618166  
Patent No. 6583112  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
APPLICANT: Yu, Chang-En  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
APPLICANT: Schellenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
TITLE OF INVENTION: WERNER'S SYNDROME  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed Intellectual Property Law Group  
STREET: 701 Fifth Avenue, Suite 6300  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/618,166  
FILING DATE: 17-Jul-2000  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 240052.419C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 30:  
US-09-618-166-30

Query Match 0.9%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 2.6e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2336 CCTCCCAAAGTCTGGGATTACA 2358  
DB 23 CCTCCCAAAGTCTGGGATTACA 1

## RESULT 115

```
US-09-632-657-25
; Sequence 25, Application US/09632657
; Patent No. 6730476
; GENERAL INFORMATION:
; APPLICANT: DUFF, GORDON
; APPLICANT: KORNMAN, KENNETH
; APPLICANT: VAN DIJK, SIMON
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR EARLY-ONSET MENOPAUSE
; FILE REFERENCE: MSA-012.01
; CURRENT APPLICATION NUMBER: US/09/632,657
; CURRENT FILING DATE: 2000-08-04
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-632-657-25

Query Match          0.9%; Score 21.4; DB 1; Length 25;
Best Local Similarity 95.7%; Pred. No. 2.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2350 GGGATTACAGCGATGAGCCACCG 2372
          |||||
Db       1 GGGATTACAGCGGTGAGCCACCG 23

RESULT 116
US-08-753-147-28/c
; Sequence 28, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORGANISM: Homo sapiens

US-09-632-657-25
; Sequence 25, Application US/09632657
; Patent No. 6730476
; GENERAL INFORMATION:
; APPLICANT: DUFF, GORDON
; APPLICANT: KORNMAN, KENNETH
; APPLICANT: VAN DIJK, SIMON
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR EARLY-ONSET MENOPAUSE
; FILE REFERENCE: MSA-012.01
; CURRENT APPLICATION NUMBER: US/09/632,657
; CURRENT FILING DATE: 2000-08-04
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-632-657-25

Query Match          0.9%; Score 21.4; DB 1; Length 25;
Best Local Similarity 95.7%; Pred. No. 2.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2350 GGGATTACAGCGATGAGCCACCG 2372
          |||||
Db       1 GGGATTACAGCGGTGAGCCACCG 23

RESULT 116
US-08-753-147-28/c
; Sequence 28, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORGANISM: Homo sapiens
```

US-08-753-147-28

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Query Match          0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2122 CCCAGCTGGAGTGCAGTGGG 2142
          |||||
Db       21 CCCAGCTGGAGTGCAGTGGG 1
```

RESULT 117

```
US-09-073-567-22
; Sequence 22, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-22
```

```
Query Match          0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1007 AGGTGATTGGTTGGATCAGGA 1027
          |||||
Db       1 AGGTGATTGGTTGGATCAGGA 21
```

RESULT 118

```
US-09-073-567-44/c
; Sequence 44, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
```

NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073.567  
FILING DATE:

## CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-09-073-567-44

Query Match 0.9%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1007 AGGTGATGGTTGGATCAGGA 1027  
Db 21 AGGTGATGGTTGGATCAGGA 1

## RESULT 119

US-09-805-269  
Sequence 269, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett F. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280.805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048.810  
FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 269:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-269

Query Match 0.9%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 GGCAAAATGTGCAATACCAACA 327  
Db 1 GGCAAAATGTGCAATACCAACA 21

## RESULT 120

US-09-540-699-21/c  
Sequence 21, Application US/09540699  
Patent No. 6383752  
GENERAL INFORMATION:  
APPLICANT: Agrawal, Sudhir  
APPLICANT: Kandimalia, Ekambar R.  
TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases  
FILE REFERENCE: 99,128-B  
CURRENT APPLICATION NUMBER: US/09/540,699  
CURRENT FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: US 60/127,138  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: US 60/174,642  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 21  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: MDM2 mRNA  
OTHER INFORMATION: reverse primer-2; +415 to +435.  
US-09-540-699-21

Query Match 0.9%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 GTACAAGAGCTTCAGGAAGAG 746  
Db 21 GTACAAGAGCTTCAGGAAGAG 1

## RESULT 121

US-09-687-637B-18/c  
Sequence 18, Application US/09687637B  
Patent No. 6610285  
GENERAL INFORMATION:  
APPLICANT: Hirata, Yuichi  
TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION  
FILE REFERENCE: 06501-067001  
CURRENT APPLICATION NUMBER: US/09/687,637B  
CURRENT FILING DATE: 2000-10-13  
PRIOR APPLICATION NUMBER: PCT/JP99/01997  
PRIOR FILING DATE: 1999-04-14  
PRIOR APPLICATION NUMBER: JP 10/121805

```
; PRIOR FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially synthesized primer sequence
US-09-687-637B-18
```

```
Query Match          0.9%; Score 20.8; DB 1; Length 27;
Best Local Similarity 91.7%; Pred. No. 2.7e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2192 CCTGCCTCAGCTCCCAATTAGCT 2215
      |||||
Db 27 CCTGCCTCAGCTCCCAAGCAGCT 4
```

```
RESULT 122
US-09-657-472-503
; Sequence 503, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 503
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-503
```

```
Query Match          0.9%; Score 20.6; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 3e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2336 CCTCCCAAGTGCTGGGATTA 2356
      |||||
Db 1 CCTCCCAAGTGCTGGGATTA 21
```

```
RESULT 123
US-09-918-686-90/c
; Sequence 90, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paepel, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-90
```

```
Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2187 ATTCTCTGCCTCAGCCTCCCA 2208
      |||||
Db 22 ATTCTCTGCCTCAGCCTCCCA 1
```

```
RESULT 124
US-09-918-686-94/c
; Sequence 94, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paepel, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-94
```

```
Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2187 ATTCTCTGCCTCAGCCTCCCA 2208
      |||||
Db 22 ATTCTCTGCCTCAGCCTCCCA 1
```

```
RESULT 125
US-09-526-193A-274/c
; Sequence 274, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Fimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; TITLE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-274

Query Match          0.8%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCTCCCAA 2209
DB 22 TTCTCTGCTTAGCTCCCAA 1

RESULT 126
US-09-073-567-2
; Sequence 2, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-073-567-3

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 CCTTGAAGTGGGAGTGATC 714
DB 1 CCTTGAAGTGGGAGTGATC 20

RESULT 128
US-09-073-567-4
; Sequence 4, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 481 TTGGCCAGTATATTGACT 500
DB 1 TTGGCCAGTATATTGACT 20

RESULT 127
US-09-073-567-3
; Sequence 3, Application US/09073567
; Patent No. 6013786
```



Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-4

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1018 TGGATCAGGATTCAGTTTCA 1037  
|||||  
DB 1 TGGATCAGGATTCAGTTTCA 20

RESULT 129  
US-09-073-567-7  
Sequence 7, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-7

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 357 ACCTCACAGATTCGAGCTTC 376  
|||||  
DB 1 ACCTCACAGATTCGAGCTTC 20  
RESULT 130  
US-09-073-567-8  
Sequence 8, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-8

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGGAACAAGAGAC 388  
|||||  
DB 1 CCAGCTTCGGAACAAGAGAC 20

RESULT 131  
US-09-073-567-9  
Sequence 9, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
US-09-073-567-9

ADDRESSER: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073.567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-9

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 780 TCTACCTCATCTAGAGGAG 799  
|||||  
Db 1 TCTACCTCATCTAGAGGAG 20

RESULT 132  
US-09-073-567-10  
Sequence 10, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSER: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073.567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-10

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1203 TCCTTAGCTGACTATTGGAA 1222  
|||||  
Db 1 TCCTTAGCTGACTATTGGAA 20

RESULT 133  
US-09-073-567-11  
Sequence 11, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSER: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073.567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-11

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1230 TCATGAATGAATGAATCC 1249  
|||||  
Db 1 TCATGAATGAATGAATCC 20

```

RESULT 134
US-09-073-567-13
; Sequence 13, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 669 ACATCTGTGAGTGAGAACAG 688
Db 1 ACATCTGTGAGTGAGAACAG 20

RESULT 135
US-09-073-567-14
; Sequence 14, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-14

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 675 GTGAGTGAGAACAGGTGTCA 694
Db 1 GTGAGTGAGAACAGGTGTCA 20

RESULT 136
US-09-073-567-15
; Sequence 15, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both

```

TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-15

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 680 TCAGAACAGGTGTACCTTG 699  
|||||  
Db 1 TCAGAACAGGTGTACCTTG 20

## RESULT 137

US-09-073-567-16  
; Sequence 16, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiandong Chen  
; APPLICANT: Sudhir Agrawal  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-16

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 ACAGGTGTACCTTGAAGGT 704  
|||||  
Db 1 ACAGGTGTACCTTGAAGGT 20

## RESULT 138

US-09-073-567-17  
; Sequence 17, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiandong Chen  
; APPLICANT: Sudhir Agrawal  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606

APPLICANT: Jiandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-17

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGAGTGATCAAAAGGACC 723  
|||||  
Db 1 TGGAGTGATCAAAAGGACC 20

## RESULT 139

US-09-073-567-18  
; Sequence 18, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiandong Chen  
; APPLICANT: Sudhir Agrawal  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-18

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 709 GTGATCAAAAGGACCTTGTA 728  
Db 1 GTGATCAAAAGGACCTTGTA 20

RESULT 140  
US-09-073-567-19  
Sequence 19, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaodong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-19

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 717 AAGGACCTTGTTACAAGAGCT 736  
Db 1 AAGGACCTTGTTACAAGAGCT 20

RESULT 141  
US-09-073-567-20  
Sequence 20, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaodong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-20

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 998 TGAACATTCAGGTGATTGCT 1017  
Db 1 TGAACATTCAGGTGATTGCT 20

RESULT 142  
US-09-073-567-21  
Sequence 21, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaodong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff

Query Match 0.8%; Score 20; DB 1; Length 20;

STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-21

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 ATTGAGTGATGGTTGGAT 1022  
|||||  
Db 1 ATTGAGTGATGGTTGGAT 20

RESULT 143  
US-09-073-567-23  
Sequence 23, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001

TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-23

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1027 ATTGAGTTTCAGATGTTT 1046  
|||||  
Db 1 ATTGAGTTTCAGATGTTT 20

RESULT 144  
US-09-073-567-24  
Sequence 24, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-073-567-24

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 GATCAGTTTAGTGTAGAATT 1057  
|||||  
Db 1 GATCAGTTTAGTGTAGAATT 20

```
RESULT 145
US-09-073-567-27/c
; Sequence 27, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; MEDIUM TYPE: Floppy disk
US-09-073-567-27
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 481 TTGGCCAGTATATTATGACT 500
Db 20 TTGGCCAGTATATTATGACT 1

RESULT 146
US-09-073-567-28/c
; Sequence 28, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; MEDIUM TYPE: Floppy disk
US-09-073-567-28
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 481 TTGGCCAGTATATTATGACT 500
Db 20 TTGGCCAGTATATTATGACT 1
```

```
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-073-567-28
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 695 CCTTGAAGTGGAGTGATC 714
Db 20 CCTTGAAGTGGAGTGATC 1

RESULT 147
US-09-073-567-29/c
; Sequence 29, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MEDIUM TYPE: Floppy disk
```

; MOLECULE TYPE: nucleic acid  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-09-073-567-29

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1018 TCGATCAGATTCAGTTTCA 1037  
DB 20 TCGATCAGATTCAGTTTCA 1

RESULT 148  
US-09-073-567-30/c  
; Sequence 30, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiandong Chen  
; APPLICANT: Sudhir Agrawal  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/073,567  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Greenfield, Michael S.  
; REGISTRATION NUMBER: 37,147  
; REFERENCE/DOCKET NUMBER: 98,057-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (312) 913-0001  
; TELEFAX: (312) 913-0002  
; INFORMATION FOR SEQ ID NO: 30:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: nucleic acid  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-09-073-567-30

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 357 ACCTCAGATTCAGCTTC 376  
DB 20 ACCTCAGATTCAGCTTC 1

RESULT 149  
US-09-073-567-31/c  
; Sequence 31, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiandong Chen

; APPLICANT: Sudhir Agrawal  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/073,567  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Greenfield, Michael S.  
; REGISTRATION NUMBER: 37,147  
; REFERENCE/DOCKET NUMBER: 98,057-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (312) 913-0001  
; TELEFAX: (312) 913-0002  
; INFORMATION FOR SEQ ID NO: 31:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: nucleic acid  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-09-073-567-31

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGACACAGAGAC 388  
DB 20 CCAGCTTCGACACAGAGAC 1

RESULT 150  
US-09-073-567-32/c  
; Sequence 32, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiandong Chen  
; APPLICANT: Sudhir Agrawal  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/073,567  
; FILING DATE:  
; CLASSIFICATION:



ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-09-073-567-32

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 780 TCTACCTCATCTAGAGGAG 799  
DB 20 TCTACCTCATCTAGAGGAG 1

RESULT 151  
US-09-073-567-33/c  
Sequence 33, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaodong Chen  
APPLICANT: Sudhir Agrawal  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-09-073-567-33

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1203 TCCTTAGCTGACTATTGGAA 1222  
DB 20 TCCTTAGCTGACTATTGGAA 1

RESULT 152  
US-09-073-567-34/c  
Sequence 34, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaodong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-09-073-567-34

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1230 TCATGCAATGAATGAATCC 1249  
DB 20 TCATGCAATGAATGAATCC 1

RESULT 153  
US-09-073-567-35/c  
Sequence 35, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaodong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor

```
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
;
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-35
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 669 ACATCTGTGAGTGAGACAG 688
; Db 20 ACATCTGTGAGTGAGACAG 1
;
; RESULT 154
; US-09-073-567-36/c
; Sequence 36, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
```

```
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-36
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 675 GTGAGTGAGAACAGGTGTCA 694
; Db 20 GTGAGTGAGAACAGGTGTCA 1
;
; RESULT 155
; US-09-073-567-37/c
; Sequence 37, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-37
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```
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 680 TGAGAACAGGTGTACCTTG 699
; Db 20 TGAGAACAGGTGTACCTTG 1
```

```
RESULT 156
US-09-073-567-38/c
; Sequence 38, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-38
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 ACAGGTGTCACCTTGAAGGT 704
| | | | | | | | | | | | | | | |
Db 20 ACAGGTGTCACCTTGAAGGT 1

RESULT 157
US-09-073-567-39/c
; Sequence 39, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-39
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-39
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TCGGAGTGATCAAAAGGACC 723
| | | | | | | | | | | | | | | |
Db 20 TCGGAGTGATCAAAAGGACC 1

RESULT 158
US-09-073-567-40/c
; Sequence 40, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
```

;  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-09-073-567-40

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 709 GTGATCAAAAGGACCTTGTA 728  
|||||  
Db 20 GTGATCAAAAGGACCTTGTA 1

## RESULT 159

US-09-073-567-41/c  
; Sequence 41, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiaodong Chen  
; APPLICANT: Sudhir Agrawal  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/073,567  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Greenfield, Michael S.  
; REGISTRATION NUMBER: 37,147  
; REFERENCE/DOCKET NUMBER: 98,057-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (312) 913-0001  
; TELEFAX: (312) 913-0002  
; INFORMATION FOR SEQ ID NO: 41:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: nucleic acid  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-09-073-567-41

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 717 AAGGACCTTGATCAAGAGCT 736  
|||||  
Db 20 AAGGACCTTGATCAAGAGCT 1

## RESULT 160

US-09-073-567-42/c  
; Sequence 42, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiaodong Chen  
; APPLICANT: Sudhir Agrawal

;  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/073,567  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Greenfield, Michael S.  
; REGISTRATION NUMBER: 37,147  
; REFERENCE/DOCKET NUMBER: 98,057-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (312) 913-0001  
; TELEFAX: (312) 913-0002  
; INFORMATION FOR SEQ ID NO: 42:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: nucleic acid  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-09-073-567-42

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 998 TGAACATTCAGGTGATTGGT 1017  
|||||  
Db 20 TGAACATTCAGGTGATTGGT 1

## RESULT 161

US-09-073-567-43/c  
; Sequence 43, Application US/09073567  
; Patent No. 6013786  
; GENERAL INFORMATION:  
; APPLICANT: Jiaodong Chen  
; APPLICANT: Sudhir Agrawal  
; APPLICANT: Ruiwen Zhang  
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive, 32nd Floor  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: United States of America  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/073,567  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:

NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-09-073-567-43

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 ATTCAGGTGATTGTTGGAT 1022  
Db 20 ATTCAGGTGATTGTTGGAT 1

RESULT 162  
US-09-073-567-45/c  
Sequence 45, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-09-073-567-45

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1027 ATTCAGTTTCAGATCAGTTT 1046  
Db 20 ATTCAGTTTCAGATCAGTTT 1

RESULT 163  
US-09-073-567-46/c  
Sequence 46, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98,057-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-09-073-567-46

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 GATCAGTTTAGTGTAGATT 1057  
Db 20 GATCAGTTTAGTGTAGATT 1

RESULT 164  
US-09-073-567-47/c  
Sequence 47, Application US/09073567  
Patent No. 6013786  
GENERAL INFORMATION:  
APPLICANT: Jiaandong Chen  
APPLICANT: Sudhir Agrawal  
APPLICANT: Ruiwen Zhang  
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd Floor  
CITY: Chicago

STATE: IL  
COUNTRY: United States of America  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073.567  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,147  
REFERENCE/DOCKET NUMBER: 98, 057-A  
TELEPHONE: (312) 913-0001  
TELEFAX: (312) 913-0002  
INFORMATION FOR SEQ ID NO: 47:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-09-073-567-47

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 GTGAGTGAACAGGTGTCA 694  
|||||  
Db 20 GTGAGTGAACAGGTGTCA 1

## RESULT 165

US-09-280-805-3/c  
Sequence 3, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280, 805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-4

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCCTGTGTGTCGGAAGA 56  
|||||  
Db 20 GGCCCTGTGTGTCGGAAGA 1

TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-3

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCACCGCGAGCTTGCTG 20  
|||||  
Db 20 GCACCGCGAGCTTGCTG 1

## RESULT 166

US-09-280-805-4/c  
Sequence 4, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280, 805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-4

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCCTGTGTGTCGGAAGA 56  
|||||  
Db 20 GGCCCTGTGTGTCGGAAGA 1

```

RESULT 167
US-09-280-805-5/c
; Sequence 5, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-6

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 ATTAGTGCCTACGAGCGCCC 166
|||||
Db 20 ATTAGTGCCTACGAGCGCCC 1

RESULT 169
US-09-280-805-7/c
; Sequence 7, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-5

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 CTCGTACCGAGATCCTGCTG 114
|||||
Db 20 CTCGTACCGAGATCCTGCTG 1

RESULT 168
US-09-280-805-6/c
; Sequence 6, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-7

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      181 GAGAGTGAATGATCCCGA 200
      |||||
Db      20 GAGAGTGAATGATCCCGA 1

```

## RESULT 170

```

US-09-280-805-8/c
; Sequence 8, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-9

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      295 TGGTGAGGAGCAGGCAATG 314
      |||||
Db      20 TGGTGAGGAGCAGGCAATG 1

```

## RESULT 172

```

US-09-280-805-10/c
; Sequence 10, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      273 CTCCAAGCGGAAACCCCG 292
      |||||
Db      20 CTCCAAGCGGAAACCCCG 1

```

## RESULT 171

```

US-09-280-805-9/c

```



```
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-10

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 303 AGCAGGCAATGTGCAATAC 322
Db 20 AGCAGGCAATGTGCAATAC 1

RESULT 173
US-09-280-805-11/c
; Sequence 11, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-11
```

```
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-11

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 331 CTGTACTACTGATGTGCT 350
Db 20 CTGTACTACTGATGTGCT 1

RESULT 174
US-09-280-805-12/c
; Sequence 12, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-12

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 GATCTACAGGAAGTGTGCTAG 636
Db 20 GATCTACAGGAAGTGTGCTAG 1

RESULT 175
US-09-280-805-13/c
; Sequence 13, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
```

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-13

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1047 AGTGAGAAATTGAAGTTGA 1066  
Db 20 AGTGAGAAATTGAAGTTGA 1

RESULT 176  
US-09-280-805-14/c  
Sequence 14, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-14

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1381 TTGATGTTCTGATTGTAAA 1400  
Db 20 TTGATGTTCTGATTGTAAA 1

RESULT 177  
US-09-280-805-15/c  
Sequence 15, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

## US-09-280-805-15

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714  
|||||  
DB 20 TTTACATGTGCAAGAAGCT 1

## RESULT 178

US-09-280-805-16/c  
; Sequence 16, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-16

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCCTAGTTGACCTG 1795  
|||||  
DB 20 TATTTCCCTAGTTGACCTG 1

## RESULT 179

US-09-280-805-17/c  
; Sequence 17, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-17

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1785 TAGTTGACCTGTCTATAAGA 1804  
|||||  
DB 20 TAGTTGACCTGTCTATAAGA 1

RESULT 180  
US-09-280-805-18/c  
; Sequence 18, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 18:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ;  
 ; US-09-280-805-18

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCCCTAGGA 1837  
 Db 20 CTAACCTATATACCCCTAGGA 1

RESULT 181  
 ; US-09-280-805-19/c  
 ; Sequence 19, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 19:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ;  
 ; US-09-280-805-19

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 ;  
 QY 1934 TAGTGAATAGTGAATACCTT 1953  
 Db 20 TAGTGAATAGTGAATACCTT 1

RESULT 182  
 ; US-09-280-805-20/c  
 ; Sequence 20, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 20:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ;  
 ; US-09-280-805-20

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2132 AGTGCAATGGTGATCTTGG 2151  
 Db 20 AGTGCAATGGTGATCTTGG 1

RESULT 183  
 ; US-09-280-805-21/c  
 ; Sequence 21, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ;  
 ; US-09-280-805-21

ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-21

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2224 AGTCATCTGCCACACACT 2243  
Db 20 AGTCATCTGCCACACACT 1

RESULT 184  
US-09-280-805-22/c  
Sequence 22, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-22

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2256 GTACTTTTAGTAGACAGG 2275  
Db 20 GTACTTTTAGTAGACAGG 1

RESULT 185  
US-09-280-805-25/c  
Sequence 25, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-25

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 35:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-35

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 GCTTCTGGGCGCTGTGGC 39  
 |||||  
 Db 20 GCTTCTGGGCGCTGTGGC 1

RESULT 189  
 US-09-280-805-36/c  
 Sequence 36, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 36:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-36

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 29 GCCTGTGTGGCGCTGTGTGT 48  
 |||||  
 Db 20 GCCTGTGTGGCGCTGTGTGT 1

RESULT 190

US-09-280-805-37/c  
 Sequence 37, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 37:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-37

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 34 TGTGGCCCTGTGTGTGGAA 53  
 |||||  
 Db 20 TGTGGCCCTGTGTGTGGAA 1

RESULT 191

US-09-280-805-38/c  
 Sequence 38, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 38:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-38

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 43 GTGTGTCGGAAGATGGAGC 62  
DB 20 GTGTGTCGGAAGATGGAGC 1

RESULT 192  
US-09-280-805-39/c  
Sequence 39, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-39

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 50 GGAAGATGGAGCAAGAGC 69  
DB 20 GGAAGATGGAGCAAGAGC 1

RESULT 193  
US-09-280-805-40/c  
Sequence 40, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-40

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 62 CAGAGCCGAGCCGAGGG 81  
DB 20 CAGAGCCGAGCCGAGGG 1

RESULT 194



```

US-09-280-805-41/c
; Sequence 41, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-41

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 70 CGAGCCGAGGGCGGCCGC 89
Db 20 CGAGCCGAGGGCGGCCGC 1

RESULT 195
US-09-280-805-42/c
; Sequence 42, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-42

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; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-42

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 98 TGACCGAGATCTGCTGCTT 117
Db 20 TGACCGAGATCTGCTGCTT 1

RESULT 196
US-09-280-805-43/c
; Sequence 43, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-43

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; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-43

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 105 GATCTGCTGCTTTCGAGC 124
    |||||
Db 20 GATCTGCTGCTTTCGAGC 1

RESULT 197
US-09-280-805-44/c
; Sequence 44, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-44

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 113 TGCTTTCGAGCCGAGGACA 132
    |||||
Db 20 TGCTTTCGAGCCGAGGACA 1

RESULT 198
US-09-280-805-45/c
; Sequence 45, Application US/09280805
; Patent No. 6184212

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; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-45

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 120 GCAGCCAGGAGCACCCTCCC 139
    |||||
Db 20 GCAGCCAGGAGCACCCTCCC 1

RESULT 199
US-09-280-805-46/c
; Sequence 46, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-46

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 AGTGGGTACGAGCGCCAGT 169  
|||||  
DB 20 AGTGGGTACGAGCGCCAGT 1

RESULT 200  
US-09-280-805-47/c  
Sequence 47, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 47:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear

ANTI-SENSE: Yes  
US-09-280-805-47  
Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 158 CGAGCGCCAGTGCCTGGC 177  
|||||  
DB 20 CGAGCGCCAGTGCCTGGC 1

RESULT 201  
US-09-280-805-48/c  
Sequence 48, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 48:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-48

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 165 CCAGTGCCTGGCCCGGAGA 184  
|||||  
DB 20 CCAGTGCCTGGCCCGGAGA 1

RESULT 202  
US-09-280-805-49/c  
Sequence 49, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia

```
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/
/ CLASSIFICATION:
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 49:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/
/ US-09-280-805-49
/
/ Query Match 0.8%; Score 20; DB 1; Length 20;
/ Best Local Similarity 100.0%; Pred. No. 3.3e+02;
/ Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ Qy 174 TGGCCCGGAGAGTGAATGA 193
/ Db 20 TGGCCCGGAGAGTGAATGA 1
/
/ RESULT 203
/ US-09-280-805-50/c
/ Sequence 50, Application US/09280805
/ Patent No. 6184212
/
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/
/ CLASSIFICATION:
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 51:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/
/ US-09-280-805-51
/
/ Query Match 0.8%; Score 20; DB 1; Length 20;
/ Best Local Similarity 100.0%; Pred. No. 3.3e+02;
/ Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ Qy 174 TGGCCCGGAGAGTGAATGA 193
/ Db 20 TGGCCCGGAGAGTGAATGA 1
/
/ RESULT 204
/ US-09-280-805-51/c
/ Sequence 51, Application US/09280805
/ Patent No. 6184212
/
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/
/ CLASSIFICATION:
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 51:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/
/ US-09-280-805-51
```

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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 50:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/
/ US-09-280-805-50
/
/ Query Match 0.8%; Score 20; DB 1; Length 20;
/ Best Local Similarity 100.0%; Pred. No. 3.3e+02;
/ Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ Qy 202 GCCCAGGGCGTGTGCTTCC 221
/ Db 20 GCCCAGGGCGTGTGCTTCC 1
/
/ RESULT 204
/ US-09-280-805-51/c
/ Sequence 51, Application US/09280805
/ Patent No. 6184212
/
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/
/ CLASSIFICATION:
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 51:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/
/ US-09-280-805-51
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 GCGTGTCTTCGCGAGTA 227
| | | | | | | | | | | | | | | | | | | | |
Db 20 GCGTGTCTTCGCGAGTA 1

RESULT 205
US-09-280-805-52/c
; Sequence 52, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-53

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 242 AGGAACTGGGAGTCTTGA 261
| | | | | | | | | | | | | | | | | | | | |
Db 20 AGGAACTGGGAGTCTTGA 1

RESULT 207
US-09-280-805-54/c
; Sequence 54, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-52

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 217 CTTCCGCGAGTACAGTCCC 236
| | | | | | | | | | | | | | | | | | | | |
Db 20 CTTCCGCGAGTACAGTCCC 1

RESULT 206
US-09-280-805-53/c
; Sequence 53, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
```

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; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-54
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 289 CCCGATGTCAGGAGCAGG 308
DB 20 CCCGATGTCAGGAGCAGG 1
;
RESULT 208
US-09-280-805-55/c
; Sequence 55, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-55
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 293 GATGTCAGGAGCAGGCAAA 312
DB 20 GATGTCAGGAGCAGGCAAA 1
;
RESULT 209
US-09-280-805-56/c
; Sequence 56, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-56
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 294 ATGTCAGGAGCAGGCAAAAT 313
DB 20 ATGTCAGGAGCAGGCAAAAT 1
;
RESULT 210
US-09-280-805-57/c
; Sequence 57, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-55
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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;/ CITY: Marlton  
;/ STATE: NJ  
;/ COUNTRY: U.S.A.  
;/ ZIP: 08053  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
;/ OPERATING SYSTEM: WINDOWS 95  
;/ SOFTWARE: WORDPERFECT 6.0  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/09/280,805  
;/ FILING DATE: herewith  
;/ CLASSIFICATION:  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 09/048,810  
;/ FILING DATE: March 26, 1998  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Licata, Jane Massey  
;/ REGISTRATION NUMBER: 32,257  
;/ REFERENCE/DOCKET NUMBER: ISPH-0346  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 609-810-1515  
;/ TELEFAX: 609-810-1454  
;/ INFORMATION FOR SEQ ID NO: 57:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 20 base pairs  
;/ TYPE: Nucleic Acid  
;/ STRANDEDNESS: Single  
;/ TOPOLOGY: Linear  
;/ ANTI-SENSE: Yes  
;/ US-09-280-805-57

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 296 GTGAGGAGCAGGCAATGT 315  
Db |||||||

RESULT 211  
US-09-280-805-58/c  
; Sequence 58, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257

;/ REFERENCE/DOCKET NUMBER: ISPH-0346  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 609-810-1515  
;/ TELEFAX: 609-810-1454  
;/ INFORMATION FOR SEQ ID NO: 58:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 20 base pairs  
;/ TYPE: Nucleic Acid  
;/ STRANDEDNESS: Single  
;/ TOPOLOGY: Linear  
;/ ANTI-SENSE: Yes  
;/ US-09-280-805-58

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 297 GTGAGGAGCAGGCAATGTG 316  
Db |||||||

RESULT 212  
US-09-280-805-59/c  
; Sequence 59, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 59:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-59

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 TGAGGAGCAGGCAATGTGC 317  
Db |||||||

US-09-280-805-59  
; Sequence 59, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 59:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-59

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 TGAGGAGCAGGCAATGTGC 317  
Db |||||||

Db 20 TGAGGAGCAGCAAAATGTGC 1

## RESULT 213

US-09-280-805-60/c  
; Sequence 60, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 60:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-60

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 GAGGAGCAGCAAAATGTGCA 318

Db 20 GAGGAGCAGCAAAATGTGCA 1

## RESULT 214

US-09-280-805-61/c  
; Sequence 61, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.

ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 61:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-61

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 300 AGGAGCAGCAAAATGTGCAA 319

Db 20 AGGAGCAGCAAAATGTGCAA 1

## RESULT 215

US-09-280-805-62/c  
; Sequence 62, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515



TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 62:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-62

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 301 GGAGCAGGCAAAATGTGCAAT 320  
 |||||  
 Db 20 GGAGCAGGCAAAATGTGCAAT 1

## RESULT 216

US-09-280-805-63/c  
 Sequence 63, Application US/09280805  
 Patent No. 6184212

GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith

CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 63:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-63

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 302 GAGCAGGCAAAATGTGCAATA 321  
 |||||  
 Db 20 GAGCAGGCAAAATGTGCAATA 1

## RESULT 217

US-09-280-805-64/c  
 Sequence 64, Application US/09280805  
 Patent No. 6184212

GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith

CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 64:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-64

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 GCAGGCAAAATGTGCAATACC 323  
 |||||  
 Db 20 GCAGGCAAAATGTGCAATACC 1

## RESULT 218

US-09-280-805-65/c  
 Sequence 65, Application US/09280805  
 Patent No. 6184212

GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 65:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-65

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 305 CAGGCAATGTGCAATACCA 324  
Db 20 CAGGCAATGTGCAATACCA 1

RESULT 219  
US-09-280-805-66/c  
Sequence 66, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-66

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 306 AGGCAATGTGCAATACCA 325  
Db 20 AGGCAATGTGCAATACCA 1

RESULT 220  
US-09-280-805-67/c  
Sequence 67, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 67:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-67

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 307 GCGCAATGTGCAATACCA 326  
Db 20 GCGCAATGTGCAATACCA 1

RESULT 221  
US-09-280-805-68/c  
Sequence 68, Application US/09280805

```

; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-68

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 308 GCAATGTGCAATACCAACA 327
Db 20 GCAATGTGCAATACCAACA 1

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```

RESULT 222
US-09-280-805-69/c
; Sequence 69, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-69

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 309 CAAATGTGCAATACCAACAT 328
Db 20 CAAATGTGCAATACCAACAT 1

```

```

RESULT 223
US-09-280-805-70/c
; Sequence 70, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-70

Query Match
Best Local Similarity 0.8%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 310 AATGTGCAATACCAACATG 329
DB 20 AATGTGCAATACCAACATG 1

RESULT 224
US-09-280-805-71/c
; Sequence 71, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 71:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-72

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGC 331
DB 20 ATGTGCAATACCAACATGC 1

RESULT 226
US-09-280-805-73/c
; Sequence 73, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 71:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-71

Query Match
Best Local Similarity 0.8%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 311 AATGTGCAATACCAACATGT 330
DB 20 AATGTGCAATACCAACATGT 1

RESULT 225
US-09-280-805-72/c
; Sequence 72, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-73

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 313 TGTGCAATACCAACATGCT 332
Db 20 TGTGCAATACCAACATGCT 1

```

```

RESULT 227
US-09-280-805-74/c
; Sequence 74, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-74

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 314 GTGCAATACCAACATGCTG 333
Db 20 GTGCAATACCAACATGCTG 1

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RESULT 228
US-09-280-805-75/c
; Sequence 75, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-75

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 323 CAACATGCTGTACTACTG 342
Db 20 CAACATGCTGTACTACTG 1

```

```

RESULT 229
US-09-280-805-76/c
; Sequence 76, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION

```

NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 76:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-76

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 334 TACCTACTGATGGTGTGTA 353  
|||||  
Db 20 TACCTACTGATGGTGTGTA 1

RESULT 230  
US-09-280-805-77/c  
Sequence 77, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 77:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-77

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 351 GTAACCACTTCACAGATTCC 370  
|||||  
Db 20 GTAACCACTTCACAGATTCC 1

RESULT 231  
US-09-280-805-78/c  
Sequence 78, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-78

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 361 CACAGATTCAGCTTCGAA 380  
 |||||  
 Db 20 CACAGATTCAGCTTCGAA 1

## RESULT 232

US-09-280-805-79/c  
 ; Sequence 79, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 79:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-79

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 372 GCTTCGGAACAAGACCCCT 391  
 |||||  
 Db 20 GCTTCGGAACAAGACCCCT 1

## RESULT 233

US-09-280-805-80/c  
 ; Sequence 80, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 80:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-80

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 386 GACCCCTGGTTAGACCAAGC 405  
 |||||  
 Db 20 GACCCCTGGTTAGACCAAGC 1

## RESULT 234

US-09-280-805-81/c  
 ; Sequence 81, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 81:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-81

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 GGTAGACCAAGCCATTGC 411  
|||||  
Db 20 GGTAGACCAAGCCATTGC 1

RESULT 235  
US-09-280-805-82/c  
Sequence 82, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 82:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-82

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 AGCCATTGCTTTGAAGTTA 422

Db 20 AGCCATTGCTTTGAAGTTA 1  
|||||

RESULT 236  
US-09-280-805-83/c  
Sequence 83, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-83

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 422 ATTAAGTCTGTGTGCAC 441  
|||||  
Db 20 ATTAAGTCTGTGTGCAC 1

RESULT 237  
US-09-280-805-84/c  
Sequence 84, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ



; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 84:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-84

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 450 ACTTACTACTGAAAGAGGT 459  
DB 20 ACTTACTACTGAAAGAGGT 1

RESULT 238  
US-09-280-805-85/c  
; Sequence 85, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 85:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-85

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 490 ATATTATGACTAAACGATTA 509  
DB 20 ATATTATGACTAAACGATTA 1

; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 85:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-85

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 477 TATCTTGCCAGTATATAT 496  
DB 20 TATCTTGCCAGTATATAT 1

RESULT 239  
US-09-280-805-86/c  
; Sequence 86, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 86:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-86

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 490 ATATTATGACTAAACGATTA 509  
DB 20 ATATTATGACTAAACGATTA 1

## RESULT 240

US-09-280-805-87/c  
 ; Sequence 87, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 87:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-87

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 496 TGACTAAACGATTATATGAT 515

Db 20 TGACTAAACGATTATATGAT 1

## RESULT 241

US-09-280-805-88/c  
 ; Sequence 88, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 88:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-88

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 503 ACGATTATATGATGAGAAGC 522

Db 20 ACGATTATATGATGAGAAGC 1

## RESULT 242

US-09-280-805-89/c  
 ; Sequence 89, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 89:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-89

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 515 TGAGAGCAACATATGTC 534  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TGAGAGCAACATATGTC 1

RESULT 243  
US-09-280-805-90/c  
; Sequence 90, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 90:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-91

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 525 CAACATATGATATGTC 544  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 CAACATATGATATGTC 1

RESULT 244  
US-09-280-805-91/c

; Sequence 91, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 91:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-91

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 531 ATTGTATATGTTCAATGA 550  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 ATTGTATATGTTCAATGA 1

RESULT 245  
US-09-280-805-92/c  
; Sequence 92, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 92:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-92

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 538 ATTGTTCAAATGATCTTCTA 557  
Db 20 ATTGTTCAAATGATCTTCTA 1

RESULT 246  
US-09-280-805-93/c  
Sequence 93, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 93:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid

STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-93

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 549 GATCTTCTAGGAGATTGTT 568  
Db 20 GATCTTCTAGGAGATTGTT 1

RESULT 247  
US-09-280-805-94/c  
Sequence 94, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-94

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 559 GAGATTGTTTGGCGTGCCA 578  
Db 20 GAGATTGTTTGGCGTGCCA 1

RESULT 248  
US-09-280-805-95/c  
Sequence 95, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-95

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 566 GTTTGGCGTCCCAAGCTTCT 585
Db 20 GTTTGGCGTCCCAAGCTTCT 1

```

```

RESULT 249
US-09-280-805-96/c
; Sequence 96, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805

```

```

; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-96

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 575 GCCAAGCTTCTCTGTGAAAG 594
Db 20 GCCAAGCTTCTCTGTGAAAG 1

```

```

RESULT 250
US-09-280-805-97/c
; Sequence 97, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

```

US-09-280-805-97

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 587 TGTGAAGACGACAGGAAAA 606  
 |||||  
 Db 20 TGTGAAGACGACAGGAAAA 1

RESULT 251

US-09-280-805-98/c  
 ; Sequence 98, Application US/09280805  
 ; Patent No. 6184212

; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 98:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-98

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 593 AGAGCAGGAAATATATA 612  
 |||||  
 Db 20 AGAGCAGGAAATATATA 1

RESULT 252

US-09-280-805-99/c  
 ; Sequence 99, Application US/09280805  
 ; Patent No. 6184212

; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 99:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-99

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 AGGAAATATATACCATGAT 619  
 |||||  
 Db 20 AGGAAATATATACCATGAT 1

RESULT 253

US-09-280-805-100/c

; Sequence 100, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 100:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-100

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 609 TATACCATGATCTACAGGAA 628  
 DB 20 TATACCATGATCTACAGGAA 1

## RESULT 254

US-09-280-805-101/c  
 Sequence 101, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith

CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 101:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-101

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 619 TCTACAGGAACCTGGTAGTA 638  
 DB 20 TCTACAGGAACCTGGTAGTA 1

## RESULT 255

US-09-280-805-102/c  
 Sequence 102, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith

CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 102:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-102

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 634 TAGTAGTCAATCAGCAGGAA 653  
 DB 20 TAGTAGTCAATCAGCAGGAA 1

## RESULT 256

US-09-280-805-103/c  
 Sequence 103, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 103:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-103

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCAGGATCATCGACTCA 665  
DB 20 AGCAGGATCATCGACTCA 1

RESULT 257  
US-09-280-805-104/C  
Sequence 104, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 104:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-104

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 656 ATCGGACTCAGGTACATCTG 675  
DB 20 ATCGGACTCAGGTACATCTG 1

RESULT 258  
US-09-280-805-105/C  
Sequence 105, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 105:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-105

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



QY 669 ACATCTGTGAGTGAGAACAG 688  
 |||||  
 Db 20 ACATCTGTGAGTGAGAACAG 1

## RESULT 259

US-09-280-805-106/c  
 ; Sequence 106, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 106:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-106

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 682 AGAACAGGTGTACCTTGAA 701  
 |||||  
 Db 20 AGAACAGGTGTACCTTGAA 1

## RESULT 260

US-09-280-805-107/c  
 ; Sequence 107, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton

STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 107:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-107

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 691 GTCACCTTGAAGTGGGAGT 710  
 |||||  
 Db 20 GTCACCTTGAAGTGGGAGT 1

## RESULT 261

US-09-280-805-108/c  
 ; Sequence 108, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 108:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-108

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGAGTGTCAAAAGGACC 723  
Db 20 TGGAGTGTCAAAAGGACC 1

## RESULT 262

US-09-280-805-109/c  
Sequence 109, Application US/09280805  
Patent No. 6184212

GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280, 805  
FILING DATE: herewith

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 109:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-109

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 AGGACCTTGTACAAGGCTT 737  
Db 20 AGGACCTTGTACAAGGCTT 1

## RESULT 263

US-09-280-805-110/c  
Sequence 110, Application US/09280805  
Patent No. 6184212

GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280, 805  
FILING DATE: herewith

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 110:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-110

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TACAAGAGCTTCAGGAAG 746  
Db 20 TACAAGAGCTTCAGGAAG 1

## RESULT 264

US-09-280-805-111/c  
Sequence 111, Application US/09280805  
Patent No. 6184212

GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-111

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAAACCTTCATCTT 759
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 265
US-09-280-805-112/c
; Sequence 112, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-113

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAAACCTTCATCTT 759
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 266
US-09-280-805-113/c
; Sequence 113, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-113

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAAACCTTCATCTT 759
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 267
US-09-280-805-114/c
; Sequence 114, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-114

```

```

; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-112

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 752 TTCATCTTCACATTTGGTTT 771
Db 20 TTCATCTTCACATTTGGTTT 1

RESULT 266
US-09-280-805-113/c
; Sequence 113, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-113

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 761 ACATTTGGTTTCTAGACCAT 780
Db 20 ACATTTGGTTTCTAGACCAT 1

RESULT 267
US-09-280-805-114/c
; Sequence 114, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-114

```

US-09-280-805-114/c  
; Sequence 114, Application US/09280805  
; Patent No. 6184212

; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 114:  
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-114

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 774 AGACCATCTACTCATCTAG 793

Db 20 AGACCATCTACTCATCTAG 1

RESULT 268

US-09-280-805-115/c

; Sequence 115, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.  
; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 115:  
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-115

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 787 CATCTAGAGGAGCAATT 806

Db 20 CATCTAGAGGAGCAATT 1

RESULT 269

US-09-280-805-116/c

; Sequence 116, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.  
; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 116:  
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

```

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-116
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 798 AGAGCAATTAGTGAGACAGA 817
| | | | | | | | | | | | | | | | | | | | | |
Db 20 AGAGCAATTAGTGAGACAGA 1

RESULT 270
US-09-280-805-117/c
; Sequence 117, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-118
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 824 TTCAGATGAATTATCTGGTG 843
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TTCAGATGAATTATCTGGTG 1

RESULT 272
US-09-280-805-119/c
; Sequence 119, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-117
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 GAGACAGAGAAATTCAGA 829
| | | | | | | | | | | | | | | | | | | | | |
Db 20 GAGACAGAGAAATTCAGA 1

RESULT 271
US-09-280-805-118/c
; Sequence 118, Application US/09280805
; Patent No. 6184212

```

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; APPLICATION NUMBER: US/09/280.805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 119:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-119

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 833 ATTATCTGTTGAACGACAAA 852
Db 20 ATTATCTGTTGAACGACAAA 1

RESULT 273
US-09-280-805-120/c
; Sequence 120, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280.805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-120

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 857 ACGCCACAAATCTGATAGTA 876
Db 20 ACGCCACAAATCTGATAGTA 1

RESULT 275
US-09-280-805-122/c
; Sequence 122, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
```

```
; ANTI-SENSE: Yes
US-09-280-805-120

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 844 AACGACAAAGAAAACGCCAC 863
Db 20 AACGACAAAGAAAACGCCAC 1

RESULT 274
US-09-280-805-121/c
; Sequence 121, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280.805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-121

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 857 ACGCCACAAATCTGATAGTA 876
Db 20 ACGCCACAAATCTGATAGTA 1

RESULT 275
US-09-280-805-122/c
; Sequence 122, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-122

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 867 TCTGATAGTATTTCCCTTC 886
| | | | | | | | | | | | | | | |
Db 20 TCTGATAGTATTTCCCTTC 1

```

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RESULT 276
US-09-280-805-123/c
; Sequence 123, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-123

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 880 CCCTTTCCTTTGATGAAGC 899
| | | | | | | | | | | | | | | |
Db 20 CCCTTTCCTTTGATGAAGC 1

```

```

RESULT 277
US-09-280-805-124/c
; Sequence 124, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-124

```

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 AAAGCTGGCTCTGTGTGA 914  
 |||||  
 Db 20 AAAGCTGGCTCTGTGTGA 1

## RESULT 278

US-09-280-805-125/c  
 ; Sequence 125, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monla  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280.805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048.810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 125:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-125

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 CTCGTGTGTAATAGGAG 923  
 |||||  
 Db 20 CTCGTGTGTAATAGGAG 1

## RESULT 279

US-09-280-805-126/c  
 ; Sequence 126, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monla  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280.805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048.810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 126:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-126

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATAAGGGAGATATGTTGTGA 934  
 |||||  
 Db 20 ATAAGGGAGATATGTTGTGA 1

RESULT 280  
 US-09-280-805-127/c  
 ; Sequence 127, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monla  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280.805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048.810  
 ; FILING DATE: March 26, 1998



ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 127:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-127

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TGTGTGAAGAGACAGTAG 946  
 |||||  
 Db 20 TGTGTGAAGAGACAGTAG 1

RESULT 281  
 US-09-280-805-128/c  
 ; Sequence 128 Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 128:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-128

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 AGAAGCAGTAGCAGTGAATC 955  
 |||||  
 Db 20 AGAAGCAGTAGCAGTGAATC 1

RESULT 282  
 US-09-280-805-129/c  
 ; Sequence 129 Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 129:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-129

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 GTGAATCTACAGGACGCCA 968  
 |||||  
 Db 20 GTGAATCTACAGGACGCCA 1

RESULT 283  
 US-09-280-805-130/c  
 ; Sequence 130 Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street

```

; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-130

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. NO. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      964 CGCCATCGAATCCGGATCTT 983
      |||||
Db      20 CGCCATCGAATCCGGATCTT 1

```

```

RESULT 284
US-09-280-805-131/c
; Sequence 131, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257

```

```

; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-131

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. NO. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      971 GAATCCGGATCTTGATGCTG 990
      |||||
Db      20 GAATCCGGATCTTGATGCTG 1

```

```

RESULT 285
US-09-280-805-132/c
; Sequence 132, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-132

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. NO. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      983 TGATGCTGGTGAAGTGAAC 1002
      |||||

```

Db 20 TGATGCTGGTGTAAAGTGAAC 1

## RESULT 286

US-09-280-805-133/c  
 ; Sequence 133, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 133:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-133

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 996 AGTGAACATTCAGGTGATTG 1015

Db 20 AGTGAACATTCAGGTGATTG 1

## RESULT 287

US-09-280-805-134/c  
 ; Sequence 134, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.

; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 134:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-134

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1006 CAGGTGATTGGTTGGATCAG 1025

Db 20 CAGGTGATTGGTTGGATCAG 1

## RESULT 288

US-09-280-805-135/c  
 ; Sequence 135, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 135:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-135

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1017 TTGGATCAGGATTCAGTTTC 1036  
 |||||  
 Db 20 TTGGATCAGGATTCAGTTTC 1

RESULT 289  
 US-09-280-805-136/c  
 ; Sequence 136, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 136:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-136

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1023 CAGGATTCAGTTTCAGATCA 1042  
 |||||  
 Db 20 CAGGATTCAGTTTCAGATCA 1

RESULT 290  
 US-09-280-805-137/c  
 ; Sequence 137, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 137:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-137

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 TTCAGATCAGTTTAGTG TAG 1053  
 |||||  
 Db 20 TTCAGATCAGTTTAGTG TAG 1

RESULT 291  
 US-09-280-805-138/c  
 ; Sequence 138, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

```

;
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 138:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-138

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1046 TAGGTGAGAAATTTGAAGTTG 1065
Db 20 TAGGTGAGAAATTTGAAGTTG 1

```

```

RESULT 292
US-09-280-805-139/c
; Sequence 139, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 139:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-139

```

```

;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-139

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1051 TAGAATTTGAAGTTGAATCT 1070
Db 20 TAGAATTTGAAGTTGAATCT 1

```

```

RESULT 293
US-09-280-805-140/c
; Sequence 140, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-140

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1059 GAAGTTGAATCTCTCGACTC 1078
Db 20 GAAGTTGAATCTCTCGACTC 1

```

```

RESULT 294
US-09-280-805-141/c
; Sequence 141, Application US/09280805

```

```
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 141:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-141
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1068 TCTCTCGACTCAGAAGATTA 1087
Db 20 TCTCTCGACTCAGAAGATTA 1
```

```
RESULT 295
US-09-280-805-142/c
; Sequence 142, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
```

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-142
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1077 TCAGAAGATTATAGCCTTAG 1096
Db 20 TCAGAAGATTATAGCCTTAG 1
```

```
RESULT 296
US-09-280-805-143/c
; Sequence 143, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-143

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 ATTATAGCCTTAGTGAAGAA 1103
Db 20 ATTATAGCCTTAGTGAAGAA 1

RESULT 297
US-09-280-805-144/c
; Sequence 144, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-145

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1100 AGAAGGACCAAGACTCTCAG 1119
Db 20 AGAAGGACCAAGACTCTCAG 1

RESULT 299
US-09-280-805-146/c
; Sequence 146, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-144

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1092 CTTAGTGAAGAGGACAGA 1111
Db 20 CTTAGTGAAGAGGACAGA 1

RESULT 298
US-09-280-805-145/c
; Sequence 145, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 146:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-146

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1105 GACAAGAACTCTCAGATGAA 1124
Db 20 GACAAGAACTCTCAGATGAA 1

RESULT 300
US-09-280-805-147/c
; Sequence 147, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-147

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1105 GACAAGAACTCTCAGATGAGG 1134
Db 20 CTCAGATGAAGATGATGAGG 1

RESULT 301
US-09-280-805-148/c
; Sequence 148, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-148

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1124 AGATGATGAGGTATATCAAG 1143
Db 20 AGATGATGAGGTATATCAAG 1

RESULT 302
US-09-280-805-149/c
; Sequence 149, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; US-09-280-805-149
```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1115 CTCAGATGAAGATGATGAGG 1134
Db 20 CTCAGATGAAGATGATGAGG 1

RESULT 301
US-09-280-805-148/c
; Sequence 148, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-148

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1124 AGATGATGAGGTATATCAAG 1143
Db 20 AGATGATGAGGTATATCAAG 1

RESULT 302
US-09-280-805-149/c
; Sequence 149, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; US-09-280-805-149
```



```
;
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-149

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1135 TATATCAAGTACTGTGTAT 1154
Db 20 TATATCAAGTACTGTGTAT 1

RESULT 303
US-09-280-805-150/c
; Sequence 150, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-151

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
;
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-150

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1149 GTGTATCAGCGAGGAG 1168
Db 20 GTGTATCAGCGAGGAG 1

RESULT 304
US-09-280-805-151/c
; Sequence 151, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-151

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1161 GGGGAGAGTGATCAGATTC 1180  
|||||  
Db 20 GGGGAGAGTGATCAGATTC 1

RESULT 305  
US-09-280-805-152/c  
; Sequence 152, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 152:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-152

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1170 GATCAGATTCATTTGAGA 1189  
|||||  
Db 20 GATCAGATTCATTTGAGA 1

RESULT 306  
US-09-280-805-153/c  
; Sequence 153, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 153:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-153

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAAGATCCTGAAATTT 1203  
|||||  
Db 20 TGAAGAAGATCCTGAAATTT 1

RESULT 307  
US-09-280-805-154/c  
; Sequence 154, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey

```

; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-154

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1196 TGAATTCCTTAGCTGACT 1215
Db 20 TGAATTCCTTAGCTGACT 1

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RESULT 308
US-09-280-805-155/c
; Sequence 155, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 155:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-155

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1207 TAGCTGACTATTGGAATGC 1226
Db 20 TAGCTGACTATTGGAATGC 1

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1207 TAGCTGACTATTGGAATGC 1226
Db 20 TAGCTGACTATTGGAATGC 1

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Db 20 TAGCTGACTATTGGAATGC 1

```

RESULT 309

```

US-09-280-805-156/c
; Sequence 156, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 156:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-156

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1220 GAAATGCACTTCATGCAATG 1239
Db 20 GAAATGCACTTCATGCAATG 1

```

```

RESULT 310
US-09-280-805-157/c
; Sequence 157, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ

```

COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 157:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-157

Query Match 0.8% Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1226 CACTTCATGCAATGAATGA 1245  
|||||  
Db 20 CACTTCATGCAATGAATGA 1

RESULT 311  
US-09-280-805-158/c  
Sequence 158, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 158:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-158

Query Match 0.8% Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1257 CCATCATTGCAACAGATG 1276  
|||||  
Db 20 CCATCATTGCAACAGATG 1

RESULT 312  
US-09-280-805-159/c  
Sequence 159, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 159:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-159

Query Match 0.8% Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1268 CAACAGATGTTGGCCCTTC 1287  
|||||  
Db 20 CAACAGATGTTGGCCCTTC 1

## RESULT 313

```

US-09-280-805-160/c
; Sequence 160, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-160

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1275 TGTGGGCCCTTCGTGAGAA 1294
Db 20 TGTGGGCCCTTCGTGAGAA 1

```

## RESULT 314

```

US-09-280-805-161/c
; Sequence 161, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-161

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1283 CCTTCGTGAGATTGGCTTC 1302
Db 20 CCTTCGTGAGATTGGCTTC 1

```

## RESULT 315

```

US-09-280-805-162/c
; Sequence 162, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 162:

```

SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-162

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1292 CAATTGGCTTCTCGAAGATA 1311  
 |||||  
 Db 20 GAATTGGCTTCTCGAAGATA 1

## RESULT 316

US-09-280-805-163/c  
 Sequence 163, Application US/09280805  
 Patent No. 6184212

GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 163:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-163

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1301 TCCTGAAGATAAAGGGAAG 1320  
 |||||  
 Db 20 TCCTGAAGATAAAGGGAAG 1

## RESULT 317

US-09-280-805-164/c

Sequence 164, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 164:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-164

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1311 AAAGGGAAGATAAAGGGA 1330  
 |||||  
 Db 20 AAAGGGAAGATAAAGGGA 1

## RESULT 318

US-09-280-805-165/c

Sequence 165, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 165:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-165

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1325 AGGGGAATCTCTGAGAAAG 1344  
Db 20 AGGGGAATCTCTGAGAAAG 1

RESULT 319  
US-09-280-805-166/c  
Sequence 166, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 166:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid

STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-166

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1333 TCTCTGAGAAAGCCAAACTG 1352  
Db 20 TCTCTGAGAAAGCCAAACTG 1

RESULT 320  
US-09-280-805-167/c  
Sequence 167, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 167:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-167

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1346 CAAACTGGAAACTCAACAC 1365  
Db 20 CAAACTGGAAACTCAACAC 1

RESULT 321  
US-09-280-805-168/c  
Sequence 168, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 168:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-168

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1358 CTCACACAGCTGAAGG 1377  
Db 20 CTCACACAGCTGAAGG 1

RESULT 322  
US-09-280-805-169/c  
Sequence 169, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 169:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-169

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1368 GCTGAAGAGGGCTTGATGT 1387  
Db 20 GCTGAAGAGGGCTTGATGT 1

RESULT 323  
US-09-280-805-170/c  
Sequence 170, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 170:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes



US-09-280-805-170

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1401 AAAACTATAGTGAATGATTC 1420  
 Db 20 AAAACTATAGTGAATGATTC 1

RESULT 324

US-09-280-805-171/c  
 ; Sequence 171, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 171:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-171

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1412 GAATGATTCAGAGATGCAT 1431  
 Db 20 GAATGATTCAGAGATGCAT 1

RESULT 325  
 US-09-280-805-172/c  
 ; Sequence 172, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 172:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-172

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1421 CAGAGATCATGTGTTGAGG 1440  
 Db 20 CAGAGATCATGTGTTGAGG 1

RESULT 326

US-09-280-805-173/c  
 ; Sequence 173, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:

```
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 173:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-173
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GTTGAGGAAATGATGATAA 1453
Db 20 GTTGAGGAAATGATGATAA 1

RESULT 327
US-09-280-805-174/c
; Sequence 174, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-174
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GTTAAATGATGATAAATTA 1458
Db 20 GTTAAATGATGATAAATTA 1

RESULT 328
US-09-280-805-175/c
; Sequence 175, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 175:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-175
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1449 GATAAAATTCACAAGCTTC 1468
Db 20 GATAAAATTCACAAGCTTC 1

RESULT 329
US-09-280-805-176/c
; Sequence 176, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 176:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-176
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 173:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-173
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GTTGAGGAAATGATGATAA 1453
Db 20 GTTGAGGAAATGATGATAA 1

RESULT 327
US-09-280-805-174/c
; Sequence 174, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-174
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GTTAAATGATGATAAATTA 1458
Db 20 GTTAAATGATGATAAATTA 1

RESULT 328
US-09-280-805-175/c
; Sequence 175, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 175:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-175
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1449 GATAAAATTCACAAGCTTC 1468
Db 20 GATAAAATTCACAAGCTTC 1

RESULT 329
US-09-280-805-176/c
; Sequence 176, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 176:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-176
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 176:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-176

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1456 TTACACAAGCTTCACAATCA 1475  
|||||  
Db 20 TTACACAAGCTTCACAATCA 1

RESULT 330  
US-09-280-805-177/c  
Sequence 177, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 177:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-177

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1466 TTCACAATCACAAAGTG 1485  
|||||  
Db 20 TTCACAATCACAAAGTG 1

RESULT 331  
US-09-280-805-178/c  
Sequence 178, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 178:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-178

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1481 AAGTGAAGACTATTCTCAGC 1500  
 |||||  
 Db 20 AAGTGAAGACTATTCTCAGC 1

## RESULT 332

US-09-280-805-179/c  
 ; Sequence 179, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 179:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-280-805-179

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1489 ACTATTCGACCCATCAACT 1508  
 |||||  
 Db 20 ACTATTCGACCCATCAACT 1

## RESULT 333

US-09-280-805-180/c  
 ; Sequence 180, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton

STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 609-810-1515  
 TELEFAX: 609-810-1454  
 INFORMATION FOR SEQ ID NO: 180:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-09-280-805-180

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1499 GCCATCAACTTCTAGTAGCA 1518  
 |||||  
 Db 20 GCCATCAACTTCTAGTAGCA 1

## RESULT 334

US-09-280-805-181/c  
 ; Sequence 181, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 181:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-181

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1506 ACTTCTAGTAGCATTATTTA 1525
Db 20 ACTTCTAGTAGCATTATTTA 1

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RESULT 335
US-09-280-805-182/c
; Sequence 182, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 182:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-182

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1517 CATTATTTATAGCAGCCAAAG 1536
Db 20 CATTATTTATAGCAGCCAAAG 1

```

```

RESULT 336
US-09-280-805-183/c
; Sequence 183, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-183

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1522 TTTATAGCAGCCAAAGAT 1541
Db 20 TTTATAGCAGCCAAAGAT 1

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```

RESULT 337
US-09-280-805-184/c
; Sequence 184, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
/ COMPUTER: IBM PC  
/ OPERATING SYSTEM: WINDOWS 95  
/ SOFTWARE: WORDPERFECT 6.0  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/09/280,805  
/ FILING DATE: herewith  
/ CLASSIFICATION:  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 09/048,810  
/ FILING DATE: March 26, 1998  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Licata, Jane Massey  
/ REGISTRATION NUMBER: 32,257  
/ REFERENCE/DOCKET NUMBER: ISPH-0346  
/ TELEPHONE: 609-810-1515  
/ TELEFAX: 609-810-1454  
/ INFORMATION FOR SEQ ID NO: 184:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 20 base pairs  
/ TYPE: Nucleic Acid  
/ STRANDEDNESS: Single  
/ TOPOLOGY: Linear  
/ ANTI-SENSE: Yes  
/ US-09-280-805-184

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1533 CAAGAAGATGCGAAGAGTT 1552  
DB 20 CAAGAAGATGCGAAGAGTT 1

## RESULT 338

US-09-280-805-185/c  
/ Sequence 185, Application US/09280805  
/ Patent No. 6184212  
/ GENERAL INFORMATION:  
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
/ APPLICANT: Graham, Brett P. Monia  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
/ TITLE OF INVENTION: EXPRESSION  
/ NUMBER OF SEQUENCES: 271  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Law Offices of Jane Massey Licata  
/ STREET: 66 East Main Street  
/ CITY: Marlton  
/ STATE: NJ  
/ COUNTRY: U.S.A.  
/ ZIP: 08053  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
/ COMPUTER: IBM PC  
/ OPERATING SYSTEM: WINDOWS 95  
/ SOFTWARE: WORDPERFECT 6.0  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/09/280,805  
/ FILING DATE: herewith  
/ CLASSIFICATION:  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 09/048,810  
/ FILING DATE: March 26, 1998  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Licata, Jane Massey  
/ REGISTRATION NUMBER: 32,257  
/ REFERENCE/DOCKET NUMBER: ISPH-0346  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 609-810-1515  
/ TELEFAX: 609-810-1454

/ INFORMATION FOR SEQ ID NO: 185:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 20 base pairs  
/ TYPE: Nucleic Acid  
/ STRANDEDNESS: Single  
/ TOPOLOGY: Linear  
/ ANTI-SENSE: Yes  
/ US-09-280-805-185

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1541 TGTGAAGAGTTTGAAGGG 1560  
DB 20 TGTGAAGAGTTTGAAGGG 1

## RESULT 339

US-09-280-805-186/c  
/ Sequence 186, Application US/09280805  
/ Patent No. 6184212  
/ GENERAL INFORMATION:  
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
/ APPLICANT: Graham, Brett P. Monia  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
/ TITLE OF INVENTION: EXPRESSION  
/ NUMBER OF SEQUENCES: 271  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Law Offices of Jane Massey Licata  
/ STREET: 66 East Main Street  
/ CITY: Marlton  
/ STATE: NJ  
/ COUNTRY: U.S.A.  
/ ZIP: 08053  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
/ COMPUTER: IBM PC  
/ OPERATING SYSTEM: WINDOWS 95  
/ SOFTWARE: WORDPERFECT 6.0  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/09/280,805  
/ FILING DATE: herewith  
/ CLASSIFICATION:  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 09/048,810  
/ FILING DATE: March 26, 1998  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Licata, Jane Massey  
/ REGISTRATION NUMBER: 32,257  
/ REFERENCE/DOCKET NUMBER: ISPH-0346  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 609-810-1515  
/ TELEFAX: 609-810-1454  
/ INFORMATION FOR SEQ ID NO: 186:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 20 base pairs  
/ TYPE: Nucleic Acid  
/ STRANDEDNESS: Single  
/ TOPOLOGY: Linear  
/ ANTI-SENSE: Yes  
/ US-09-280-805-186

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1550 GTTTGAAGGGAAGAACCC 1569  
DB 20 GTTTGAAGGGAAGAACCC 1

## RESULT 340

US-09-280-805-187/c  
; Sequence 187, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 187:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-187

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1560 GAAGAAACCCCAAGCAAGA 1579  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GAAGAAACCCCAAGCAAGA 1

RESULT 341  
US-09-280-805-188/c  
; Sequence 188, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 189:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-189

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1560 GAAGAAACCCCAAGCAAGA 1579  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GAAGAAACCCCAAGCAAGA 1

RESULT 342  
US-09-280-805-189/c  
; Sequence 189, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 189:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-189

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1566 ACCCAAGACAAAGAGAGAG 1585  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 ACCCAAGACAAAGAGAGAG 1

RESULT 342  
US-09-280-805-189/c  
; Sequence 189, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 189:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-189

; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 188:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-188

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1566 ACCCAAGACAAAGAGAGAG 1585  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 ACCCAAGACAAAGAGAGAG 1

RESULT 342  
US-09-280-805-189/c  
; Sequence 189, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 189:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-280-805-189

```

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-189

Query Match
Best Local Similarity 0.8%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1580 ACAGAGTGTGGAACTAGTT 1599
DB 20 ACAGAGTGTGGAACTAGTT 1

RESULT 343
US-09-280-805-190/c
; Sequence 190, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 191:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-191

Query Match
Best Local Similarity 0.8%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1617 GAACCTTGTGTGATTGTCA 1636
DB 20 GAACCTTGTGTGATTGTCA 1

RESULT 345
US-09-280-805-192/c
; Sequence 192, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 190:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-190

Query Match
Best Local Similarity 0.8%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1605 CTTAATGCCATTGAACCTTG 1624
DB 20 CTTAATGCCATTGAACCTTG 1

RESULT 344
US-09-280-805-191/c
; Sequence 191, Application US/09280805
; Patent No. 6184212

```



```

; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA: 09/048,810
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-192

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1624 GTGTGATTGTCAGGTCGA 1643
| | | | | | | | | | | | | | | | | |
DB 20 GTGTGATTGTCAGGTCGA 1

```

```

RESULT 346
US-09-280-805-193/c
; Sequence 193, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 193:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

```

```

; ANTI-SENSE: Yes
; US-09-280-805-193

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1648 AAAATGGTTCATTGTCCAT 1667
| | | | | | | | | | | | | | | | | |
DB 20 AAAATGGTTCATTGTCCAT 1

```

```

RESULT 347
US-09-280-805-194/c
; Sequence 194, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA: 09/048,810
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 194:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-194

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1657 GCATTGTCCATGGCAAAACA 1676
| | | | | | | | | | | | | | | | | |
DB 20 GCATTGTCCATGGCAAAACA 1

```

```

RESULT 348
US-09-280-805-195/c
; Sequence 195, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

```
;
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
;
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
;
; CLASSIFICATION:
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 195:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
; US-09-280-805-195
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1667 TGGCAAAACAGGACATCTTA 1686
; Db 20 TGGCAAAACAGGACATCTTA 1
;
; RESULT 349
; US-09-280-805-196/c
; Sequence 196, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
;
; CLASSIFICATION:
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
; US-09-280-805-197
```

```
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 196:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
; US-09-280-805-196
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1675 CAGGACATCTTATGGCCTGC 1694
; Db 20 CAGGACATCTTATGGCCTGC 1
;
; RESULT 350
; US-09-280-805-197/c
; Sequence 197, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
;
; CLASSIFICATION:
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
; US-09-280-805-197
```

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1684 TTATGGCTGCTTTACATGT 1703  
DB 20 TTATGGCTGCTTTACATGT 1

RESULT 351  
US-09-280-805-198/c  
; Sequence 198, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 198:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-198

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1690 CCTGCTTTACATGTGCAAG 1709  
DB 20 CCTGCTTTACATGTGCAAG 1

RESULT 352  
US-09-280-805-199/c  
; Sequence 199, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 199:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-199

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1702 GTGCAAGAAGCTTAAGAA 1721  
DB 20 GTGCAAGAAGCTTAAGAA 1

RESULT 353  
US-09-280-805-200/c  
; Sequence 200, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 200:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-200
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1710 AAGCTAAGAAAGGATAA 1729
Db 20 AAGCTAAGAAAGGATAA 1

RESULT 354
US-09-280-805-201/c
; Sequence 201, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 201:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-201
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1726 ATAAGCCCTGCCAGTATGT 1745
Db 20 ATAAGCCCTGCCAGTATGT 1

RESULT 356
US-09-280-805-203/c
; Sequence 203, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 201:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-203
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1720 AAAGGAATAAGCCCTGCCCA 1739
Db 20 AAAGGAATAAGCCCTGCCCA 1

RESULT 355
US-09-280-805-202/c
; Sequence 202, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 202:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-202
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1726 ATAAGCCCTGCCAGTATGT 1745
Db 20 ATAAGCCCTGCCAGTATGT 1

RESULT 356
US-09-280-805-203/c
; Sequence 203, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 202:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-202
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-203

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1736 CCCAGTATGTAGACAA 1755
Db 20 CCCAGTATGTAGACAA 1

RESULT 357
US-09-280-805-204/c
; Sequence 204, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 205:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-205

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1757 TCAATGATTGTCTAACTT 1776
Db 20 TCAATGATTGTCTAACTT 1776

```

```

; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 204:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-204

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1745 TAGACAACCAATTCAAATGA 1764
Db 20 TAGACAACCAATTCAAATGA 1

RESULT 358
US-09-280-805-205/c
; Sequence 205, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 205:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-205

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1757 TCAATGATTGTCTAACTT 1776
Db 20 TCAATGATTGTCTAACTT 1776

```

```
Db      20 TCAATGATTGTGCTACTT 1

RESULT 359
US-09-280-805-206/c
; Sequence 206, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 207:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-207

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1798 TATAAGAGATTATATTT 1817
      |||||||
Db      20 TATAAGAGATTATATTT 1

RESULT 361
US-09-280-805-208/c
; Sequence 208, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1787 GTTGACCTGTCTATAAGAGA 1806
      |||||||
Db      20 GTTGACCTGTCTATAAGAGA 1

RESULT 360
US-09-280-805-207/c
; Sequence 207, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
```



```

; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 211:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-211

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1823 TATATAACCTTAGGAATTTA 1842
| | | | | | | | | | | | | | | | | |
Db 20 TATATAACCTTAGGAATTTA 1

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```

RESULT 365
US-09-280-805-212/c
; Sequence 212, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 212:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-212

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1840 TTAGACAACCTGAAATTTAT 1859
| | | | | | | | | | | | | | | | | |
Db 20 TTAGACAACCTGAAATTTAT 1

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```

; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-212

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1832 CTAGGAATTTAGACAACCTG 1851
| | | | | | | | | | | | | | | | | |
Db 20 CTAGGAATTTAGACAACCTG 1

```

```

RESULT 366
US-09-280-805-213/c
; Sequence 213, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 213:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-213

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

RESULT 367
US-09-280-805-214/c
; Sequence 214, Application US/09280805

```



```

; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1454
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-214

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1850 TGAATTTATTCATATAT 1869
Db 20 TGAATTTATTCATATAT 1

```

```

RESULT 369
US-09-280-805-215/c
; Sequence 215, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 215:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-215

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1855 TTATTCATATATCAAG 1874
Db 20 TTATTCATATATCAAG 1

```

```

RESULT 369
US-09-280-805-216/c
; Sequence 216, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 216:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-216

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1865 TATATCAAAAGTGAGAAATG 1884
DB 20 TATATCAAAAGTGAGAAATG 1

RESULT 370
US-09-280-805-217/c
; Sequence 217, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 218:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-218

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1883 TGCCTCAATTCACATAGATT 1902
DB 20 TGCCTCAATTCACATAGATT 1

RESULT 372
US-09-280-805-219/c
; Sequence 219, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 219:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-219

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1889 AATTCACATAGATTTCTTCT 1908
Db 20 AATTCACATAGATTTCTTCT 1

```

```

RESULT 373
US-09-280-805-220/c
; Sequence 220, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-220

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY 1898 AGATTTCTTCTCTTAGTAT 1917
Db 20 AGATTTCTTCTCTTAGTAT 1

```

```

RESULT 374
US-09-280-805-221/c
; Sequence 221, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-221

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1905 TTCTCTTTAGTATTAATTGAC 1924
Db 20 TTCTCTTTAGTATTAATTGAC 1

```

```

RESULT 375
US-09-280-805-222/c
; Sequence 222, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-222

```

```

; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-222

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1908 TCTTTAGTATAATTGACCTA 1927
| | | | | | | | | | | | | | | | | |
Db 20 TCTTTAGTATAATTGACCTA 1

```

```

RESULT 376
US-09-280-805-223/c
; Sequence 223, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810

```

```

; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 223:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-223

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1913 AGTATAATTGACCTACTTTG 1932
| | | | | | | | | | | | | | | | | |
Db 20 AGTATAATTGACCTACTTTG 1

```

```

RESULT 377
US-09-280-805-224/c
; Sequence 224, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-224

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1920 TTGACCTACTTTGGTAGTGG 1939  
 |||||  
 Db 20 TTGACCTACTTTGGTAGTGG 1

## RESULT 378

US-09-280-805-225/c  
 ; Sequence 225, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/280,805  
 FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/048,810  
 FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0346

TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 225:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-225

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1933 GTAGTGGAAATGTAATCT 1952  
 |||||  
 Db 20 GTAGTGGAAATGTAATCT 1

## RESULT 379

US-09-280-805-226/c  
 ; Sequence 226, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 226:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-226

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1940 AATAGTGAATCTACTATA 1959  
 |||||  
 Db 20 AATAGTGAATCTACTATA 1

## RESULT 380

US-09-280-805-227/c  
 ; Sequence 227, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 227:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-227

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1948 ATACTTACTATAATTGACT 1967  
DB 20 ATACTTACTATAATTGACT 1

RESULT 381  
US-09-280-805-228/c  
Sequence 228, Application US/09280805  
Patent No. 6184212

GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 228:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-228

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1956 TATAATTGACTTGATATG 1975

DB 20 TATAATTGACTTGATATG 1

RESULT 382  
US-09-280-805-229/c  
Sequence 229, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 229:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-229

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1969 GAATATGTAGCTCATCCTTT 1988  
DB 20 GAATATGTAGCTCATCCTTT 1

RESULT 383  
US-09-280-805-230/c  
Sequence 230, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
;
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 230:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-230

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1973 ATGTAGCTCATCCTTTACAC 1992
Db 20 ATGTAGCTCATCCTTTACAC 1

RESULT 384
US-09-280-805-231/C
; Sequence 231, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-232

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCTCTATTTTAAA 2009
Db 20 CACCAACTCTCTATTTTAAA 1

RESULT 385
US-09-280-805-232/C
; Sequence 232, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-232

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCTCTATTTTAAA 2009
Db 20 CACCAACTCTCTATTTTAAA 1

TELECOMMUNICATION INFORMATION:
```

```
;
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 231:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-231

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1982 ATCCTTTTACCACTCTCTA 2001
Db 20 ATCCTTTTACCACTCTCTA 1

RESULT 385
US-09-280-805-232/C
; Sequence 232, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-232

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCTCTATTTTAAA 2009
Db 20 CACCAACTCTCTATTTTAAA 1

TELECOMMUNICATION INFORMATION:
```

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RESULT 386
US-09-280-805-233/c
; Sequence 233, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-233

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1997 TCCTAATTTTAAATAATTC 2016
Db 20 TCCTAATTTTAAATAATTC 1

RESULT 387
US-09-280-805-234/c
; Sequence 234, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-233

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 234:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-234

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2004 TTTAAATAATTTCTACTCTG 2023
Db 20 TTTAAATAATTTCTACTCTG 1

RESULT 388
US-09-280-805-235/c
; Sequence 235, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 235:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-235

```



```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-235

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2015 TCTACTCTGCTTAATGAG 2034
Db 20 TCTACTCTGCTTAATGAG 1

RESULT 389
US-09-280-805-236/c
; Sequence 236, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 237:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-237

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2051 TTTTCTTAATATGTATATG 2070
Db 20 TTTTCTTAATATGTATATG 1

RESULT 391
US-09-280-805-238/c
; Sequence 238, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

```

;; SOFTWARE: WORDPERFECT 6.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/280,805  
;; FILING DATE: herewith  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 09/048,810  
;; FILING DATE: March 26, 1998  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Licata, Jane Massey  
;; REGISTRATION NUMBER: 32,257  
;; REFERENCE/DOCKET NUMBER: ISPH-0346  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 609-810-1515  
;; TELEFAX: 609-810-1454  
;; INFORMATION FOR SEQ ID NO: 238:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
;; ANTI-SENSE: Yes  
US-09-280-805-238

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2059 AATATGTATATGACATTAA 2078  
|||||  
Db 20 AATATGTATATGACATTAA 1

RESULT 392  
US-09-280-805-239/c  
; Sequence 239, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 239:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid

;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
;; ANTI-SENSE: Yes  
US-09-280-805-239

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2072 CATTAAATGTAACCTTATTA 2091  
|||||  
Db 20 CATTAAATGTAACCTTATTA 1

RESULT 393  
US-09-280-805-240/c  
; Sequence 240, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 240:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-280-805-240

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2103 ACCGAGTCTTGCTGTGTTAC 2122  
|||||  
Db 20 ACCGAGTCTTGCTGTGTTAC 1

RESULT 394  
US-09-280-805-241/c  
; Sequence 241, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 241:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-241

```

```

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2111 TTGCTCTGTACCCAGGCTG 2130
      |||||
Db 20 TTGCTCTGTACCCAGGCTG 1

```

```

RESULT 395
US-09-280-805-242/c
; Sequence 242, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805

```

```

; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 242:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-242

```

```

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
      |||||
Db 20 CTGTTACCCAGGCTGGAGTG 1

```

```

RESULT 396
US-09-280-805-243/c
; Sequence 243, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

```

US-09-280-805-243

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGGCTGGG 2142  
DB 20 CCAGGCTGGAGTGGCTGGG 1

RESULT 397

US-09-280-805-244/c  
; Sequence 244, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 244:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-244

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2133 GTGCAGTGGTGTCTGGC 2152  
DB 20 GTGCAGTGGTGTCTGGC 1

RESULT 398

US-09-280-805-245/c  
; Sequence 245, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 245:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-245

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2140 GGGTGATCTGGCTCACTGC 2159  
DB 20 GGGTGATCTGGCTCACTGC 1

RESULT 399

US-09-280-805-246/c  
; Sequence 246, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 246:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-246

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2146 TCTGGCTCACTGCAAGCTC 2165  
DB 20 TCTGGCTCACTGCAAGCTC 1

## RESULT 400

US-09-280-805-247/c  
Sequence 247, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 247:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-247

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2153 TCACTGCAAGCTCTGCCCTC 2172  
DB 20 TCACTGCAAGCTCTGCCCTC 1

## RESULT 401

US-09-280-805-248/c  
Sequence 248, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 248:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-248

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2176 GGGTTCGCACCATTCCTCG 2195  
DB 20 GGGTTCGCACCATTCCTCG 1

## RESULT 402

US-09-280-805-249/c  
Sequence 249, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 249:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-249

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```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2185 CCATTCTCTGCTCAGCCT 2204
Db 20 CCATTCTCTGCTCAGCCT 1

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RESULT 403
US-09-280-805-250/c
; Sequence 250, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 250:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-250

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2191 TCCTGCCTCAGCCTCCCAAT 2210
Db 20 TCCTGCCTCAGCCTCCCAAT 1

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RESULT 404
US-09-280-805-251/c
; Sequence 251, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 251:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-251

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```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```



TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 254:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-254

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2213 GCTTGGCTACATCTG 2232  
DB 20 GCTTGGCTACATCTG 1

RESULT 408  
US-09-280-805-255/c  
Sequence 255, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 255:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-255

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2218 GCTTACATCTGCTGCCACC 2237  
DB 20 GCTTACATCTGCTGCCACC 1

RESULT 409  
US-09-280-805-256/c  
Sequence 256, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 256:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-256

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2232 GCCACCACCTGGCTAATT 2251  
DB 20 GCCACCACCTGGCTAATT 1

RESULT 410  
US-09-280-805-257/c  
Sequence 257, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2232 GCCACCACCTGGCTAATT 2251  
DB 20 GCCACCACCTGGCTAATT 1

RESULT 410  
US-09-280-805-257/c  
Sequence 257, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-257

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2253 TTGTACTTTTGTAGTAGAC 2272  
DB 20 TTGTACTTTTGTAGTAGAC 1

RESULT 411  
US-09-280-805-258/c  
Sequence 258, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 258:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-258

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2265 GTAGACACAGGGTTTCACCG 2284  
DB 20 GTAGACACAGGGTTTCACCG 1

RESULT 412  
US-09-280-805-259/c  
Sequence 259, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 259:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-259

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCA 2293  
DB 20 GGGTTTCACCGTGTAGCCA 1

RESULT 413

```
US-09-280-805-260/c
; Sequence 260, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDW2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 261:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-261

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTC 2309
Db 20 GCCAGGATGGTCTCGATCTC 1

RESULT 415
US-09-280-805-262/c
; Sequence 262, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDW2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-260

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2283 CGTGTAGCCAGGATGGTCT 2302
Db 20 CGTGTAGCCAGGATGGTCT 1

RESULT 414
US-09-280-805-261/c
; Sequence 261, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDW2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
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; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-262

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2298 GGTCTGATCTCTGACCTC 2317
Db 20 GGTCTGATCTCTGACCTC 1

RESULT 416
US-09-280-805-263/c
; Sequence 263, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 264:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-264

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2319 TGATCGCCACCTCGCGCT 2338
Db 20 TGATCGCCACCTCGCGCT 1

RESULT 418
US-09-280-805-265/c
; Sequence 265, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 263:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-263

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2307 CTCCTGACCTCGTGATCCG 2326
Db 20 CTCCTGACCTCGTGATCCG 1

RESULT 417
US-09-280-805-264/c
; Sequence 264, Application US/09280805
; Patent No. 6184212

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; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 265:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-265

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2325 GCCACCTCGGCTCCCAAA 2344
Db 20 GCCACCTCGGCTCCCAAA 1

RESULT 419
US-09-280-805-266/c
; Sequence 266, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 267:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 266:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

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; ANTI-SENSE: Yes
; US-09-280-805-266

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTCTGGGA 2353
Db 20 GGCTCCCAAGTCTGGGA 1

RESULT 420
US-09-280-805-267/c
; Sequence 267, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 267:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-267

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAG 2360
Db 20 CAAAGTCTGGGATTACAG 1

RESULT 421
US-09-280-805-268/c
; Sequence 268, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

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; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 268:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-268

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
Db 20 GGATTACAGCATGAGCCAC 1

RESULT 422
US-09-048-810-3/c
; Sequence 3, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-4

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCCTGTGTGTCGAAAGA 56
Db 37 GGCCCTGTGTGTCGAAAGA 56
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-3

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCACCGCGCGAGCTTGGCTG 20
Db 20 GCACCGCGCGAGCTTGGCTG 1

RESULT 423
US-09-048-810-4/c
; Sequence 4, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-4

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCCTGTGTGTCGAAAGA 56
Db 37 GGCCCTGTGTGTCGAAAGA 56
```

Db 20 GGCCCTGTGTCTCGAAGA 1

RESULT 424

US-09-048-810-5/c  
; Sequence 5, Application US/09048810  
; Patent No. 6238921  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/048,810  
; FILING DATE: herewith  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0302  
; TELEPHONE: 609-779-2400  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-048-810-5

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 CTCTGACCGAGATCTGCTG 114

Db 20 CTCTGACCGAGATCTGCTG 1

RESULT 425

US-09-048-810-6/c  
; Sequence 6, Application US/09048810  
; Patent No. 6238921  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/048,810  
; FILING DATE: herewith  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0302  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-779-2400  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-048-810-6

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 ATTAGTGGTACGAGCGCCC 166

Db 20 ATTAGTGGTACGAGCGCCC 1

RESULT 426

US-09-048-810-7/c  
; Sequence 7, Application US/09048810  
; Patent No. 6238921  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/048,810  
; FILING DATE: herewith  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0302  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-779-2400  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-048-810-7

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 181 GAGAGTGAATGATCCCGA 200  
 Db 20 GAGAGTGAATGATCCCGA 1

## RESULT 427

US-09-048-810-8/c  
 ; Sequence 8, Application US/09048810  
 ; Patent No. 6238921  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
 ; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION  
 ; NUMBER OF SEQUENCES: 32  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM 486  
 ; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
 ; SOFTWARE: WORDPERFECT 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/048,810  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0302  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-779-2400  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 8:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-048-810-8

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 CTCAAGCGGAAACCCCG 292  
 Db 20 CTCAAGCGGAAACCCCG 1

## RESULT 428

US-09-048-810-9/c  
 ; Sequence 9, Application US/09048810  
 ; Patent No. 6238921  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
 ; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION  
 ; NUMBER OF SEQUENCES: 32  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM 486  
 ; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
 ; SOFTWARE: WORDPERFECT 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/048,810  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0302  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-779-2400  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 9:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-048-810-9

Query Match 0.8%; Score 20; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 295 TGGTGAGGAGCAGGCAATG 314  
 Db 20 TGGTGAGGAGCAGGCAATG 1

## RESULT 429

US-09-048-810-10/c  
 ; Sequence 10, Application US/09048810  
 ; Patent No. 6238921  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
 ; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION  
 ; NUMBER OF SEQUENCES: 32  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM 486  
 ; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
 ; SOFTWARE: WORDPERFECT 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/048,810  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0302  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-779-2400  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 10:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-10

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 303 AGCAGGCAAAATGTGCAATAC 322
|||||
Db 20 AGCAGGCAAAATGTGCAATAC 1

```

## RESULT 430

```

US-09-048-810-11/c
; Sequence 11, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-11

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 331 CTGTACCTACTGATGGTCT 350
|||||
Db 20 CTGTACCTACTGATGGTCT 1

```

## RESULT 431

```

US-09-048-810-12/c
; Sequence 12, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454

```

```

; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-12

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 617 GATCTACAGGAAGTGTGAG 636
|||||
Db 20 GATCTACAGGAAGTGTGAG 1

```

## RESULT 432

```

US-09-048-810-13/c
; Sequence 13, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:

```



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; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-13
;
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 AGTGAGAAATTTGAAGTTGA 1066
Db 20 AGTGAGAAATTTGAAGTTGA 1

RESULT 433
US-09-048-810-14/c
; Sequence 14, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-14
;
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1381 TTGATGTTCTGATGTAAA 1400
Db 20 TTGATGTTCTGATGTAAA 1

```

```

RESULT 434
US-09-048-810-15/c
; Sequence 15, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-15
;
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1695 TTTACATGTGCAAGAAGCT 1714
Db 20 TTTACATGTGCAAGAAGCT 1

RESULT 435
US-09-048-810-16/c
; Sequence 16, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486

```

```

; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-16

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCCTAGTTGACCTG 1795
Db 20 TATTTCCCTAGTTGACCTG 1

RESULT 436
US-09-048-810-17/c
; Sequence 17, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-17

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTGACCTGTCTATAAGA 1804
Db 20 TATTTGACCTGTCTATAAGA 1

RESULT 437
US-09-048-810-18/c
; Sequence 18, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-18

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCTAGGA 1837
Db 20 CTAACCTATATACCTAGGA 1

RESULT 438
US-09-048-810-19/c
; Sequence 19, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-17
```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1785 TAGTTGACCTGTCTATAAGA 1804
Db 20 TAGTTGACCTGTCTATAAGA 1

RESULT 437
US-09-048-810-18/c
; Sequence 18, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-18

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCTAGGA 1837
Db 20 CTAACCTATATACCTAGGA 1

RESULT 438
US-09-048-810-19/c
; Sequence 19, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-18
```

```
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-19

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1934 TAGTGGAAATAGTGAATCTT 1953
Db 20 TAGTGGAAATAGTGAATCTT 1

RESULT 439
US-09-048-810-20/c
; Sequence 20, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-20

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1934 TAGTGGAAATAGTGAATCTT 1953
Db 20 TAGTGGAAATAGTGAATCTT 1
```

```
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-20

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2132 AGTGCAGTGGTGATCTTGG 2151
Db 20 AGTGCAGTGGTGATCTTGG 1

RESULT 440
US-09-048-810-21/c
; Sequence 21, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-21

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2224 AGTCATCTGCCACACACT 2243
Db 20 AGTCATCTGCCACACACT 1

RESULT 441
US-09-048-810-22/c
; Sequence 22, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
```

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; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TELECOMMUNICATION INFORMATION:
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2256 GTACTTTTAGTAGACAGG 2275
Db 20 GTACTTTTAGTAGACAGG 1

RESULT 442
US-09-048-810-25/c
; Sequence 25, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
```

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; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-25

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCCTGTGTCTCGGAAGA 56
Db 20 GGCCCTGTGTCTCGGAAGA 1

RESULT 443
US-09-467-642-71/c
; Sequence 71, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-467-642-71

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2292 CAGGATGGTCTCGATCTCCT 2311
Db 20 CAGGATGGTCTCGATCTCCT 1

RESULT 444
US-09-467-642-73/c
; Sequence 73, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-467-642-73

Query Match 0.8%; Score 20; DB 1; Length 20;
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```
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 2346 TGTGGGATTACAGGCATGA 2365
Db 20 TGTGGGATTACAGGCATGA 1

RESULT 445
US-09-488-856A-62
; Sequence 62, Application US/09488856A
; Patent No. 6318259
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXH
; FILE REFERENCE: RTS-0115
; CURRENT APPLICATION NUMBER: US/09/488,856A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-62

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
Db 1 TCCCAAAGTCTGGGATTAC 20

RESULT 446
US-09-540-699-22/c
; Sequence 22, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimalia, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR FILING DATE: 2000-03-31
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
; OTHER INFORMATION: MDM2 mRNA
US-09-540-699-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
Db 20 GTGAGTGAGAACAGGTGTCA 1

RESULT 447
US-09-607-529-3/c
; Sequence 3, Application US/09607529
; Patent No. 6465247
; GENERAL INFORMATION:
; APPLICANT: Irving Weissman
; APPLICANT: David Traver
; APPLICANT: Koichi Akashi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
; TITLE OF INVENTION: SUBSETS
; FILE REFERENCE: STAN-126
; CURRENT APPLICATION NUMBER: US/09/607,529
; CURRENT FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-607-529-3

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGCTGGGATTACAGGCAT 1

RESULT 448
US-09-060-299-257/c
; Sequence 257, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hees, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
```

NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-257

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGTGGGATTACAGGCAT 2363  
|||||  
Db 20 AGTGTGGGATTACAGGCAT 1

## RESULT 449

US-09-402-923A-257/c  
Sequence 257, Application US/09402923A  
Patent No. 6555654  
GENERAL INFORMATION:

APPLICANT: Todd, John A  
Hess, John W  
Caskey, Charles T  
Cox, Roger D  
Garhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: NO. 6555654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 257:  
US-09-402-923A-257

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGTGGGATTACAGGCAT 2363  
|||||  
Db 20 AGTGTGGGATTACAGGCAT 1

## RESULT 450

US-09-658-517C-2/c  
Sequence 2, Application US/09658517C  
Patent No. 6559279  
GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah  
APPLICANT: Guzaev, Andrei P.  
TITLE OF INVENTION: Process For Preparing Peptide Derivatized Oligomeric Compounds  
FILE REFERENCE: ISIS4501  
CURRENT APPLICATION NUMBER: US/09/658,517C  
CURRENT FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 2  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
US-09-658-517C-2

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714  
|||||  
Db 20 TTTCATGTGCAAGAAGCT 1

## RESULT 451

US-09-418-804-1/c  
Sequence 1, Application US/09418804A  
Patent No. 6562959  
GENERAL INFORMATION:

APPLICANT: CHERIF, Dorra  
TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING  
FILE REFERENCE: GENSET.069AUS  
CURRENT APPLICATION NUMBER: US/09/418,804A  
CURRENT FILING DATE: 1999-10-15  
EARLIER APPLICATION NUMBER: FR 98/12957  
EARLIER FILING DATE: 1998-10-15  
NUMBER OF SEQ ID NOS: 3  
SEQ ID NO 1  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..20  
OTHER INFORMATION: primer PCR Alu  
US-09-418-804-1

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTGCAAGTGG 2141  
|||||

Db 20 CCCAGGCTGGAGTGCAGTGG 1

## RESULT 452

US-09-679-299A-70  
; Sequence 70, Application US/09679299A  
; Patent No. 6566135  
; GENERAL INFORMATION:  
; APPLICANT: Vickie L. Brown-Driver  
; APPLICANT: Hong Zhang  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
; FILE REFERENCE: RTS-0187  
; CURRENT APPLICATION NUMBER: US/09/679,299A  
; CURRENT FILING DATE: 2000-10-04  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 70  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-679-299A-70

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAGTGTGGGATTACAG 2359

Db 1 CCAAGTGTGGGATTACAG 20

## RESULT 453

US-09-334-130-7/c  
; Sequence 7, Application US/09334130  
; Patent No. 6656730  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Drug-Conjugated Oligomeric Compounds  
; FILE REFERENCE: ISIS3758  
; CURRENT APPLICATION NUMBER: US/09/334,130  
; CURRENT FILING DATE: 1999-06-15  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6656730e1  
US-09-334-130-7

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714

Db 20 TTTCATGTGCAAGAAGCT 1

## RESULT 454

US-09-356-279-3/c  
; Sequence 3, Application US/09956279  
; Patent No. 6761883  
; GENERAL INFORMATION:  
; APPLICANT: Weissman, Irving L.  
; APPLICANT: Traver, David Jeffrey  
; APPLICANT: Akashi, Koichi  
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL  
; SUBSETS

; FILE REFERENCE: STAN126CIP  
; CURRENT APPLICATION NUMBER: US/09/956,279  
; CURRENT FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: 09/607,529  
; PRIOR FILING DATE: 2000-06-29  
; PRIOR APPLICATION NUMBER: 60/141,421  
; PRIOR FILING DATE: 1999-06-29  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-956-279-3

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363

Db 20 AGTGCTGGGATTACAGGCAT 1

## RESULT 455

US-09-594-387-7/c  
; Sequence 7, Application US/09594387  
; Patent No. 6762169  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Ligand-Conjugated Oligomeric Compounds  
; FILE REFERENCE: ISIS4390  
; CURRENT APPLICATION NUMBER: US/09/594,387  
; CURRENT FILING DATE: 2000-06-15  
; PRIOR APPLICATION NUMBER: USSN 09/334,130  
; PRIOR FILING DATE: 1999-06-15  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6762169e1 Sequence  
US-09-594-387-7

Query Match 0.8%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714

Db 20 TTTCATGTGCAAGAAGCT 1

## RESULT 456

US-09-949-474A-2/c  
; Sequence 2, Application US/09949474A  
; Patent No. 6762281  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Guzaev, Andrei P.  
; TITLE OF INVENTION: Process for Preparing Peptide Derivatized Oligomeric Compounds  
; FILE REFERENCE: ISIS4850  
; CURRENT APPLICATION NUMBER: US/09/949,474A  
; CURRENT FILING DATE: 2001-09-07  
; PRIOR APPLICATION NUMBER: 09/658,517  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2  
; LENGTH: 20  
; TYPE: DNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-949-474A-2

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
    |||||
Db 20 TTTACATGTGCAAGAAGCT 1

RESULT 457
US-09-949-474A-21/c
; Sequence 21, Application US/09949474A
; Patent No. 6762281
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Guzaev, Andrei P.
; TITLE OF INVENTION: Process for Preparing Peptide Derivatized Oligomeric Compounds
; FILE REFERENCE: ISIS4850
; CURRENT APPLICATION NUMBER: US/09/949,474A
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/658,517
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-949-474A-21

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
    |||||
Db 20 TTTACATGTGCAAGAAGCT 1

RESULT 458
US-09-540-699-12/c
; Sequence 12, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimala, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; TYPE: DNA
; LENGTH: 26
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
; OTHER INFORMATION: MDM2 mRNA
; NAME/KEY: misc_feature
; LOCATION: (21)..(26)
```

```
; OTHER INFORMATION: /note= "These bases are listed 3'-5' left to
; OTHER INFORMATION: right.."
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: /note= "3'-3' internucleotide linkage"
; NAME/KEY: misc_feature
; LOCATION: (8)
; OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"
US-09-540-699-12

Query Match          0.8%; Score 20; DB 1; Length 26;
Best Local Similarity 95.3%; Pred. No. 3.1e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 674 TGTGAGTGAGAACAGGTGTCA 694
    |||||
Db 21 TGTGAGTGAGAACNGGTGTCA 1

RESULT 459
US-09-480-718-26
; Sequence 26, Application US/09480718
; Patent No. 6407062
; GENERAL INFORMATION:
; APPLICANT: Sherr, Charles J
; APPLICANT: Quelle, Dawn E
; APPLICANT: Weber, Jason D.
; APPLICANT: Roussel, Martine F.
; APPLICANT: Frederique, Zindy
; TITLE OF INVENTION: ARF-19, A NOVEL REGULATOR OF THE MAMMALIAN CELL CYCLE
; FILE REFERENCE: 1340-1-023 CIP 1
; CURRENT APPLICATION NUMBER: US/09/480,718
; CURRENT FILING DATE: 2000-01-07
; EARLIER APPLICATION NUMBER: 09/129,855
; PRIOR FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; TYPE: DNA
; LENGTH: 24
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer(sense)
US-09-480-718-26

Query Match          0.8%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 3.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 307 GGCAAAATGTGCAATACCAACATG 329
    |||||
Db 2 GCATATGTGCAATACCAACATG 24

RESULT 460
US-09-347-114A-33/c
; Sequence 33, Application US/09347114A
; Patent No. 6297014
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rottler (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: P07 41878
; CURRENT APPLICATION NUMBER: US/09/347,114A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 26
; TYPE: DNA
```



```

; ORGANISM: Homo sapiens
US-09-347-114A-33

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2102 GACGAGCTCTGCTCTGTATCCAGG 2127
      ||||| ||||| ||||| ||||| |||||
Db 26 GACACAGTCTCGCTCAGTTACCCAGG 1

RESULT 461
US-09-427-104-7/c
; Sequence 7, Application US/09427104
; Patent No. 6506562
; GENERAL INFORMATION:
; APPLICANT: Sherman M. Weissman
; TITLE OF INVENTION: Allele Frequency Differences Method for Phenotype
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. Sherman M. Weissman
; Boyer Center for Molecular Medicine
; Yale University School of Medicine
; STREET: 295 Congress Avenue
; CITY: New Haven
; STATE: Connecticut
; COUNTRY: United States of America
; ZIP: 06536-0812
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" 1.44 Mb diskette
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Processing
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/427,104
; FILING DATE: 26-Oct-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,512
; FILING DATE: 28-Oct-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Mary M. Krinsky
; REGISTRATION NUMBER: 32423
; REFERENCE/DOCKET NUMBER: OCR-816
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203-773-9544
; TELEFAX: 203-772-0587
; INFORMATION FOR SEQ ID NO: 7
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 residues
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: <Unknown>
; DESCRIPTION: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-427-104-7

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2099 TGACCGAGTCTGCTCTGTATCC 2124
      ||||| ||||| ||||| ||||| |||||
Db 26 TGACCGAGTCTGCTCTGTGCCC 1

RESULT 462
US-09-366-840-1/c
; Sequence 1, Application US/09366840
; Patent No. 6228345
; ORGANISM: Homo sapiens
US-09-347-114A-33

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2343 AAGTCTGGGATTACAGGCAT 2363
      ||||| ||||| ||||| ||||| |||||
Db 21 AAGTCTGGGATTACAGGCAT 1

RESULT 463
US-09-233-086-61
; Sequence 61, Application US/09233086
; Patent No. 6337192
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: MMSC1 - An MMAC1 Interacting Protein
; FILE REFERENCE: MMSC1 Gene
; CURRENT APPLICATION NUMBER: US/09/233,086
; CURRENT FILING DATE: 1999-01-19
; EARLIER APPLICATION NUMBER: US 60/071,861
; EARLIER FILING DATE: 1998-01-20
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:MMSC1 Primers
US-09-233-086-61

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2110 CTTGCTCTGTATCCAGGCTG 2130
      ||||| ||||| ||||| ||||| |||||
Db 1 CTTGCTCTGTATCCAGGCTG 21

RESULT 464
US-08-670-479-11
; Sequence 11, Application US/08670479
; Patent No. 5973133
; GENERAL INFORMATION:
; APPLICANT: Hardy, John A.
; APPLICANT: Goate, Alison M.
; TITLE OF INVENTION: MUTANT S182 GENES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19406-0939
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/670,479
; FILING DATE: 26-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,500
; FILING DATE: 18-JUL-1996
; APPLICATION NUMBER: 60/001,800
; FILING DATE: 02-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Han, William T
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: P50361
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5219
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-670-479-11

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```

Query Match 0.8%; Score 19.2; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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QY 2351 GGATTACAGGCGATGAGCCAC 2370
DB 1 GGATTACAGGCGATGAGCCAC 20

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RESULT 465
US-08-927-219-122/c
; Sequence 122, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219

```

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; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-927-219-122

```

```

Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 2099 TGAGACCGAGCTTGCTCTGTAC 2122
DB 24 TGAGATGGAGCTTGCTCTGTTC 1

```

```

RESULT 466
US-08-629-939-10
; Sequence 10, Application US/08629939
; Patent No. 5645995
; GENERAL INFORMATION:
; APPLICANT: Kieback, Dirk G.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED
; TITLE OF INVENTION: RISK OF BREAST OR OVARIAN CANCER
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W., Suite 800
; CITY: Washington, D.C.
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/629,939
; FILING DATE: 12-APRIL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KIT, Gordon
; REGISTRATION NUMBER: 30,764
; REFERENCE/DOCKET NUMBER: A-6612
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 291-7060
; TELEFAX: (202) 293-7860
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

```
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-629-939-10

Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2342 AAAGTGCTGGGATTACAGG 2360
| | | | | | | | | | | | | | | | | |
Db 1 AAAGTGCTGGGATTACAGG 19

RESULT 467
US-08-759-873-10
; Sequence 10, Application US/08759873
; Patent No. 5683885
; GENERAL INFORMATION:
; APPLICANT: Kieback, Dirk G.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED RISK
; TITLE OF INVENTION: OF BREAST OR OVARIAN CANCER
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MIOM, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W., Suite 800
; CITY: Washington, D.C.
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/759,873
; FILING DATE: 12-APRIL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KIT, Gordon
; REGISTRATION NUMBER: 30,764
; REFERENCE/DOCKET NUMBER: A-6612
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-759-873-10

Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2342 AAAGTGCTGGGATTACAGG 2360
| | | | | | | | | | | | | | | | | |
Db 1 AAAGTGCTGGGATTACAGG 19

RESULT 468
US-08-741-406-8/c
; Sequence 8, Application US/08741406
; Patent No. 5721118
; GENERAL INFORMATION:
; APPLICANT: Scheffler, Immo E.
; TITLE OF INVENTION: Mammalian Artificial Chromosomes and
; TITLE OF INVENTION: Methods of Using Same
; NUMBER OF SEQUENCES: 16
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/741,406
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/550,717
; FILING DATE: 31-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-UD 2317
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-741-406-8

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2265 GTAGACAGAGGGTTTCACC 2283
| | | | | | | | | | | | | | | | | |
Db 20 GTAGACAGAGGGTTTCACC 2

RESULT 469
US-09-024-472-8/c
; Sequence 8, Application US/09024472
; Patent No. 6133503
; GENERAL INFORMATION:
; APPLICANT: Scheffler, Immo E.
; TITLE OF INVENTION: Mammalian Artificial Chromosomes and
; TITLE OF INVENTION: Methods of Using Same
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/024,472
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/741,406
; FILING DATE:
; APPLICATION NUMBER: US 08/550,717
; FILING DATE: 31-OCT-1995
```

ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-UD 2317  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRADEDNESS: single  
TOPOLOGY: linear  
US-09-024-472-8

Query Match 0.8%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2265 GTAGAGACAGGTTTCACC 2283  
Db 20 GTAGAGACAGGTTTCACC 2

RESULT 470  
US-09-540-699-23/c  
Sequence 23, Application US/09540699  
Patent No. 6383752  
GENERAL INFORMATION:  
APPLICANT: Agrawal, Sudhir  
APPLICANT: Kandimala, Ekambar R.  
TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases  
FILE REFERENCE: 99,128-B  
CURRENT APPLICATION NUMBER: US/09/540,699  
CURRENT FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: US 60/127,138  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: US 60/174,642  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 23  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide  
OTHER INFORMATION: that is complementary to a portion of the human  
NAME/KEY: misc\_feature  
LOCATION: (19)  
OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"  
US-09-540-699-23

Query Match 0.8%; Score 19; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 3.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 677 GAGTGAGAACAGGTGTCCACC 696  
Db 20 GNGTGAGAACAGGTGTCCACC 1

RESULT 471  
US-09-540-699-24/c  
Sequence 24, Application US/09540699  
Patent No. 6383752  
GENERAL INFORMATION:  
APPLICANT: Agrawal, Sudhir  
APPLICANT: Kandimala, Ekambar R.  
TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases  
FILE REFERENCE: 99,128-B  
CURRENT APPLICATION NUMBER: US/09/540,699

CURRENT FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: US 60/127,138  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: US 60/174,642  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 24  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide  
OTHER INFORMATION: that is complementary to a portion of the human  
NAME/KEY: misc\_feature  
LOCATION: (18)  
OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"  
US-09-540-699-24

Query Match 0.8%; Score 19; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 3.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 676 TGAGTGAGAACAGGTGTCCACC 695  
Db 20 TNGTGAGAACAGGTGTCCACC 1

RESULT 472  
US-09-540-699-25/c  
Sequence 25, Application US/09540699  
Patent No. 6383752  
GENERAL INFORMATION:  
APPLICANT: Agrawal, Sudhir  
APPLICANT: Kandimala, Ekambar R.  
TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases  
FILE REFERENCE: 99,128-B  
CURRENT APPLICATION NUMBER: US/09/540,699  
CURRENT FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: US 60/127,138  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: US 60/174,642  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 25  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide  
OTHER INFORMATION: that is complementary to a portion of the human  
NAME/KEY: misc\_feature  
LOCATION: (16)  
OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"  
US-09-540-699-25

Query Match 0.8%; Score 19; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 3.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 674 TGTGAGTGAGAACAGGTGTCCACC 693  
Db 20 TGTGAGTGAGAACAGGTGTCCACC 1

RESULT 473  
US-09-540-699-26/c  
Sequence 26, Application US/09540699  
Patent No. 6383752  
GENERAL INFORMATION:

```
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimalia, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
; NAME/KEY: misc feature
; LOCATION: (14)
; OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"
; US-09-540-699-26

Query Match          0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 95.0%; Pred.No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 672 TCTGTGAGTGAGAACAGGTG 691
Db 20 TCTGTGNGTGAGAACAGGTG 1

RESULT 474
US-09-705-299-17/c
; Sequence 17, Application US/09705299
; Patent No. 6440737
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE
; FILE REFERENCE: RTS-0174
; CURRENT APPLICATION NUMBER: US/09/705,299
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-705-299-17

Query Match          0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTGTCTGGGA 2353
Db 19 GCCTCCCAAGTGTCTGGGA 1

RESULT 475
US-08-599-252-35/c
; Sequence 35, Application US/08599252
; Patent No. 5705343
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; APPLICANT: FEDER, JOHN N.
; APPLICANT: GNIKKE, ANDREAS
; APPLICANT: KIMMEL, BRUCE E.
; APPLICANT: THOMAS, WINSTON J.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; TITLE OF INVENTION: HEMOCHROMATOSIS
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,252
```

```
; APPLICANT: WOLFF, ROGER K.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; TITLE OF INVENTION: HEMOCHROMATOSIS
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,252
; FILING DATE: 09-FEB-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9053-0001.21
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-599-252-35

Query Match          0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred.No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2113 GCTCTTTACCCAGGCTGGAGT 2134
Db 22 GCTCTATTGCCAGGCTGGAGT 1

RESULT 476
US-08-599-252-38/c
; Sequence 38, Application US/08599252
; Patent No. 5705343
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; APPLICANT: FEDER, JOHN N.
; APPLICANT: GNIKKE, ANDREAS
; APPLICANT: KIMMEL, BRUCE E.
; APPLICANT: THOMAS, WINSTON J.
; APPLICANT: WOLFF, ROGER K.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; TITLE OF INVENTION: HEMOCHROMATOSIS
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,252
```

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; FILING DATE: 09-FEB-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9053-0001.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-599-252-38

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2113 GCTCTGTTACCCAGGCTGGAGT 2134
          ||||| ||| ||||| |||||
Db      22 GCTCTATTGCCAGGCTGGACT 1

RESULT 477
US-08-117-952-257/c
; Sequence 257, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 257:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-117-952-257

; FILING DATE: 09-FEB-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9053-0001.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-599-252-38

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2113 GCTCTGTTACCCAGGCTGGAGT 2134
          ||||| ||| ||||| |||||
Db      22 GCTCTATTGCCAGGCTGGACT 1

RESULT 478
US-08-874-186-11
; Sequence 11, Application US/08874186
; Patent No. 5989885
; GENERAL INFORMATION:
; APPLICANT: Teng, David H-F.
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Perry III, William L.
; APPLICANT: Skolnick, Mark H.
; TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
; TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/874,186
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/782,482
; FILING DATE: 10-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Stephen A.
; REGISTRATION NUMBER: 38,609
; REFERENCE/DOCKET NUMBER: 24884-121392-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4848
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer for STS."
; US-08-874-186-11

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2261 TTTAGTAGACAGAGGTTTCAC 2282
          ||||| ||| ||||| |||||
Db      1 TTTAGTAGAGATGGGGTTTCAC 22

RESULT 479
PCT-US96-06352-35/c
; Sequence 35, Application PC/TU9606352
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; US-08-874-186-11

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2261 TTTAGTAGACAGAGGTTTCAC 2282
          ||||| ||| ||||| |||||
Db      1 TTTAGTAGAGATGGGGTTTCAC 22

RESULT 479
PCT-US96-06352-35/c
; Sequence 35, Application PC/TU9606352
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; US-08-874-186-11
```

```

; APPLICANT: FEDER, JOHN N.
; APPLICANT: GNIERKE, ANDREAS
; APPLICANT: KIMMEL, BRUCE E.
; APPLICANT: THOMAS, WINSTON J.
; APPLICANT: WOLFF, ROGER K.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06352
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/599,252
; FILING DATE: 09-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9053-0001.21
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US96-06352-35

```

```

Query Match 0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

Qy 2113 GCTCTGTTACCCAGGCTGGAGT 2134
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Db 22 GCTCTATTGCCAGGCTGGAGT 1

```

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RESULT 480
PCT-US96-06352-38/c
; Sequence 38, Application PC/TUS9606352
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; APPLICANT: FEDER, JOHN N.
; APPLICANT: GNIERKE, ANDREAS
; APPLICANT: KIMMEL, BRUCE E.
; APPLICANT: THOMAS, WINSTON J.
; APPLICANT: WOLFF, ROGER K.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06352
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/599,252
; FILING DATE: 09-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9053-0001.21
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US96-06352-38

```

```

Query Match 0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 2113 GCTCTGTTACCCAGGCTGGAGT 2134
||||| ||||| ||||| ||||| |||||
Db 22 GCTCTATTGCCAGGCTGGAGT 1

```

```

RESULT 481
PCT-US96-06583-35/c
; Sequence 35, Application PC/TUS9606583
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; APPLICANT: FEDER, JOHN N.
; APPLICANT: GNIERKE, ANDREAS
; APPLICANT: KIMMEL, BRUCE E.
; APPLICANT: THOMAS, WINSTON J.
; APPLICANT: WOLFF, ROGER K.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; TITLE OF INVENTION: HEMOCHROMATOSIS
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06583
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/599,252
; FILING DATE: 09-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9053-0001.21
; TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (202) 887-1500  
 TELEFAX: (202) 887-0763  
 TELEX: 90-4030  
 INFORMATION FOR SEQ ID NO: 35:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 22 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 PCT-US96-06583-35

Query Match 0.8%; Score 18.8; DB 1; Length 22;  
 Best Local Similarity 90.9%; Pred. No. 3.8e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCCAGGCTGGAGT 2134  
 ||||| || ||||| ||||| |||||  
 Db 22 GCTCTATTGCCAGGCTGGAGT 1

RESULT 482  
 PCT-US96-06583-38/c  
 ; Sequence 38, Application PC/TUS9606583  
 ; GENERAL INFORMATION:  
 ; APPLICANT: DRAYNA, DENNIS T.  
 ; APPLICANT: FEDER, JOHN N.  
 ; APPLICANT: GNIKKE, ANDREAS  
 ; APPLICANT: KIMMEL, BRUCE E.  
 ; APPLICANT: THOMAS, WINSTON J.  
 ; APPLICANT: WOLFF, ROGER K.  
 ; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
 ; NUMBER OF SEQUENCES: 124  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORRISON & FOERSTER  
 ; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
 ; CITY: Washington  
 ; STATE: DC  
 ; COUNTRY: USA  
 ; ZIP: 20006-1888  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: IBM PC compatible  
 ; SOFTWARE: Patent in Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/US96/06583  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/599,252  
 ; FILING DATE: 09-FEB-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: MURASHIGE, KATE H.  
 ; REGISTRATION NUMBER: 29,959  
 ; REFERENCE/DOCKET NUMBER: 9053-0001.21  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (202) 887-1500  
 ; TELEFAX: (202) 887-0763  
 ; TELEX: 90-4030  
 ; INFORMATION FOR SEQ ID NO: 38:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 22 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; PCT-US96-06583-38

Query Match 0.8%; Score 18.8; DB 1; Length 22;  
 Best Local Similarity 90.9%; Pred. No. 3.8e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCCAGGCTGGAGT 2134

Db 22 GCTCTATTGCCAGGCTGGAGT 1  
 ||||| || ||||| ||||| |||||

RESULT 483  
 US-08-031-143B-25  
 ; Sequence 25, Application US/08031143B  
 ; Patent No. 5518880  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;  
 ; APPLICANT: MCERIDE, O. WESLEY  
 ; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND  
 ; TITLE OF INVENTION: TREATMENT OF XSCID  
 ; NUMBER OF SEQUENCES: 76  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORGAN & FINNEGAN  
 ; STREET: 345 PARK AVE.  
 ; CITY: NEW YORK  
 ; STATE: NEW YORK  
 ; COUNTRY: USA  
 ; ZIP: 10154  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: FLOPPY DISK  
 ; COMPUTER: IBM PC COMPATIBLE  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: WORD PERFECT # 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/031,143B  
 ; FILING DATE: 12-MAR-1993  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: WILLIAM S. FEILER  
 ; REGISTRATION NUMBER: 26,728  
 ; REFERENCE/DOCKET NUMBER: 2026-4061  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 212-758-4800  
 ; TELEFAX: 212-751-6849  
 ; TELEX: 421792  
 ; INFORMATION FOR SEQ ID NO: 25:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20  
 ; TYPE: NUCLEIC ACID  
 ; STRANDEDNESS: SINGLE  
 ; TOPOLOGY: UNKNOWN  
 ; MOLECULE TYPE:  
 ; DESCRIPTION: OLIGONUCLEOTIDE  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; ORGANISM: HUMAN  
 ; INDIVIDUAL ISOLATE: IL-2R  
 ; US-08-031-143B-25

Query Match 0.8%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 4.1e+02;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGATGAGCCACCG 2372  
 ||||| ||||| ||||| |||||  
 Db 1 ATTACAGATGAGCCACCG 20

RESULT 484  
 US-08-222-177A-341  
 ; Sequence 341, Application US/08222177A  
 ; Patent No. 5582979  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Weber, James L.  
 ; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
 ; TITLE OF INVENTION: (dC-dT)n SEQUENCES AND METHODS OF USING SAME  
 ; NUMBER OF SEQUENCES: 460  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dewitt Ross & Stevens, S.C.



STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 341:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mfd107p1  
US-08-222-177A-341

Query Match 0.8%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAGTCTGGGATTACA 2358  
Db 1 CCCAAGTCTGGGATTACA 20  
RESULT 485  
US-08-588-821-70  
Sequence 70, Application US/08588821  
Patent No. 5712097  
GENERAL INFORMATION:  
APPLICANT: Kern, Scott E.  
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/588,821  
FILING DATE: 19-JAN-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.  
REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07265/079001  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-588-821-70

Query Match 0.8%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357  
Db 1 TCCCAAAGTCTGGGATTTC 20

## RESULT 486

US-08-915-214-70  
Sequence 70, Application US/08915214  
Patent No. 5814457  
GENERAL INFORMATION:  
APPLICANT: Kern, Scott E.  
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/915,214  
FILING DATE: 20-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/588,821  
FILING DATE: 19-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/079001  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-915-214-70

Query Match 0.8%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357  
Db 1 TCCCAAAGTCTGGGATTTC 20

RESULT 487  
US-09-005-532-70  
; Sequence 70, Application US/09005532  
; Patent No. 5955292  
; GENERAL INFORMATION:  
; APPLICANT: Kern, Scott E.  
; APPLICANT: Hahn, Stephan A.  
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/005,532  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/588,821  
; FILING DATE: 19-JAN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haile, Lisa A.  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: 07265/079001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619/678-5070  
; TELEFAX: 619/678-5099  
; INFORMATION FOR SEQ ID NO: 70:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-09-005-532-70  
Query Match 0.8%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2338 TCCCAAGTGTGGGATTAC 2357  
DB 1 TCCCAAGTGTGGGATTTC 20  
RESULT 488  
US-09-280-805-27/c  
; Sequence 27, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,805  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/048,810  
; FILING DATE: March 26, 1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: No  
US-09-280-805-27  
Query Match 0.8%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 4.1e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1695 TTTCATGTGCAAGAGCT 1714  
DB 20 TTTCATGTGTAAGAAGCT 1  
RESULT 489  
US-08-430-225A-12  
; Sequence 12, Application US/08430225A  
; Patent No. 6204000  
; GENERAL INFORMATION:  
; APPLICANT: Dong, Jin-Tang; Barrett,  
; APPLICANT: J. Carl; Lamb, Patricia W.; Isaacs, John T.  
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND  
; TITLE OF INVENTION: GENE THERAPY USING REAGENTS DERIVED FROM THE  
; TITLE OF INVENTION: HUMAN METASTASIS SUPPRESSOR GENE KAI1  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/430,225A  
; FILING DATE: 28-APR-1995  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: RICHARD W. BORK  
; REGISTRATION NUMBER: 36,459  
; REFERENCE/DOCKET NUMBER: 2026-4172  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 758-4800  
; TELEFAX: (212) 751-6849  
; TELEX: 421792  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:

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; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-430-225A-12

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTGCACCATTCCTCGCTC 2198
Db 1 TTACACCATTCCTCGCTC 20

RESULT 490
US-09-048-810-27/c
; Sequence 27, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
US-09-048-810-27

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
Db 20 TTTACATGTGTAAGAAGCT 1

RESULT 491
US-09-556-031-18
; Sequence 18, Application US/09556031
; Patent No. 6350868
; GENERAL INFORMATION:
; APPLICANT: Weston, Brent W.
; APPLICANT: Hiller, Kara B.
```

```
; TITLE OF INVENTION: Antisense Fucosyltransferase Sequences and Methods of
; TITLE OF INVENTION: Use Thereof
; FILE REFERENCE: Weston and Hiller
; CURRENT APPLICATION NUMBER: US/09/556,031
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/131,068
; PRIOR FILING DATE: 1999-04-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:antisense
; OTHER INFORMATION: oligonucleotide
US-09-556-031-18

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2305 ATCTCTGACCTCGTGATCC 2324
Db 1 ATCTCTGACCTGTGATCC 20

RESULT 492
US-09-733-294A-82
; Sequence 82, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-82

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATCA 2365
Db 1 TGCTGGGATTACAGGCATCA 20

RESULT 493
US-10-172-911-80
; Sequence 80, Application US/10172911
; Patent No. 6743909
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN12 EXPRESSION
; FILE REFERENCE: PTS-0016
; CURRENT APPLICATION NUMBER: US/10/172,911
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 80
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-172-911-80

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2120 TACCCAGGCTGGAGTGCACT 2139
Db 1 TCCCCAGGCTGGAGTGCACT 20

RESULT 494
US-09-795-380-12
; Sequence 12, Application US/09795380
; Patent No. 6756201
; GENERAL INFORMATION:
; APPLICANT: Dong, Jin-Tang; Barrett,
; J. Carl; Lamb, Patricia W.; Isaacs, John T.
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND
; GENE THERAPY USING REAGENTS DERIVED FROM THE
; HUMAN METASTASIS SUPPRESSOR GENE KAI1
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/795,380
; FILING DATE: 27-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/232,507
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: RICHARD W. BORK
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4172US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-795-380-12

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTCGCACCACTTCTCTGCCT 2198
Db 1 TTCACACCACTTCTCTGCCT 20

RESULT 495
PCT-US94-02891-25
```

```
; Sequence 25, Application PC/TUS9402891
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
; SERVICES
; APPLICANT: SERVICES
; APPLICANT: INSTITUTES OF TECHNOLOGY TRANSFER, NATIONAL
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: XSCID
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02891
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,143
; FILING DATE: 12-MAR-1993
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE:
; DESCRIPTION: OLIGONUCLEOTIDE
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
; PCT-US94-02891-25

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGCTAGCCACCG 2372
Db 1 ATTACAGCTAGCCACCG 20

RESULT 496
US-09-104-497-1
; Sequence 1, Application US/09104497
; Patent No. 6028245
; GENERAL INFORMATION:
; APPLICANT: WASYLYK, Bohdan
; APPLICANT: TOCQUE, Bruno
; APPLICANT: ALKHALAF, Moussa
; TITLE OF INVENTION: TRANSGENIC ANIMALS OVEREXPRESSION MDM2
; FILE REFERENCE: A2716A-US
```

; CURRENT APPLICATION NUMBER: US/09/104,497  
; EARLIER FILING DATE: 1998-06-25  
; EARLIER APPLICATION NUMBER: 60/051,739  
; EARLIER FILING DATE: 1997-07-03  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-09-104-497-1

Query Match 0.8%; Score 18.4; DB 1; Length 23;  
Best Local Similarity 95.0%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGTC 331  
|||||  
Db 4 ATGGGCATACCAACATGTC 23  
|||||

## RESULT 497

US-09-018-584A-80/c  
; Sequence 80, Application US/09018584A  
; Patent No. 6238663  
; GENERAL INFORMATION:  
; APPLICANT: Schumm, James W.  
; TITLE OF INVENTION: MATERIALS AND METHODS FOR  
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
; REPEAT DNA MARKERS  
; NUMBER OF SEQUENCES: 147  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Promega Corporation  
; STREET: 2800 Woods Hollow Road  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: U.S.A.  
; ZIP: 53711-5399  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97 (DOS text format)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/018,584A  
; FILING DATE: 04-Feb-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Grady J. Frenchick  
; REGISTRATION NUMBER: 29,018  
; REFERENCE/DOCKET NUMBER: 16026.9180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 257-3501  
; TELEFAX: (608) 257-2275  
; INFORMATION FOR SEQ ID NO: 80:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear

US-09-018-584A-80  
Query Match 0.8%; Score 18.4; DB 1; Length 24;  
Best Local Similarity 95.0%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCTCC 2206  
|||||  
Db 22 ATTCTCTGCTCAGCTTC 3  
|||||

## RESULT 498

US-09-018-584A-80  
Query Match 0.8%; Score 18.4; DB 1; Length 24;  
Best Local Similarity 95.0%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCTCC 2206  
|||||  
Db 22 ATTCTCTGCTCAGCTTC 3  
|||||

## RESULT 499

US-08-070-517-1  
; Sequence 1, Application US/08070517  
; Patent No. 5338869  
; GENERAL INFORMATION:  
; APPLICANT: Michael J. Siciliano  
; TITLE OF INVENTION: In-Situ Hybridization Probes for  
; Identification and Banding of  
; Specific Human Chromosomes and  
; Regions  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77210

US-09-784-423-80/c  
; Sequence 80, Application US/09784423  
; Patent No. 6767703  
; GENERAL INFORMATION:  
; APPLICANT: Schumm, James W.  
; TITLE OF INVENTION: MATERIALS AND METHODS FOR  
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
; REPEAT DNA MARKERS  
; NUMBER OF SEQUENCES: 147  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Promega Corporation  
; STREET: 2800 Woods Hollow Road  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: U.S.A.  
; ZIP: 53711-5399  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97 (DOS text format)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/784,423  
; FILING DATE: 15-Feb-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/018,584  
; FILING DATE: 04-Feb-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Grady J. Frenchick  
; REGISTRATION NUMBER: 29,018  
; REFERENCE/DOCKET NUMBER: 16026.9180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 257-3501  
; TELEFAX: (608) 257-2275  
; INFORMATION FOR SEQ ID NO: 80:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 80

US-09-784-423-80  
Query Match 0.8%; Score 18.4; DB 1; Length 24;  
Best Local Similarity 95.0%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCTCC 2206  
|||||  
Db 22 ATTCTCTGCTCAGCTTC 3  
|||||

RESULT 499  
US-08-070-517-1  
; Sequence 1, Application US/08070517  
; Patent No. 5338869  
; GENERAL INFORMATION:  
; APPLICANT: Michael J. Siciliano  
; TITLE OF INVENTION: In-Situ Hybridization Probes for  
; Identification and Banding of  
; Specific Human Chromosomes and  
; Regions  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77210



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; MOLECULE TYPE: DNA (genomic)
US-08-422-699A-13

Query Match      0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
   |||||:|||||
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 502
US-08-422-706B-13
; Sequence 13, Application US/08422706B
; Patent No. 5977333
; GENERAL INFORMATION:
; APPLICANT: Brook, J. David
; APPLICANT: Housman, David E.
; APPLICANT: Shaw, Duncan J.
; APPLICANT: Harley, Helen G.
; APPLICANT: Johnson, Keith J.
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; ZIP: 02713
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,706B
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/284,543
; FILING DATE: 08-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/023,612
; FILING DATE: 26-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/839,255
; FILING DATE: 20-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/01545
; FILING DATE: 19-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB93/00253
; FILING DATE: 05-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB9202485.0
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MIT-5830A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

; MOLECULE TYPE: DNA (genomic)
US-08-422-706B-13

Query Match      0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
   |||||:|||||
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 503
US-08-338-579A-1
; Sequence 1, Application US/08338579A
; Patent No. 6068975
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,579A
; FILING DATE: June 17, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; US-08-338-579A-1

Query Match      0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
   |||||:|||||
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 504
US-09-078-294-1
; Sequence 1, Application US/09078294
; Patent No. 6265211
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
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; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/078,294
; CURRENT FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-078-294-1

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
Db 1 GGATTACAGGATGAGCCA 19
|||||

RESULT 505
PCT-US94-09851-1
; Sequence 1, Application PC/TUS9409851
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
PCT-US94-09851-1

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
Db 1 GGATTACAGGATGAGCCA 19
|||||
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RESULT 506

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US-08-836-134-16/c
; Sequence 16, Application US/08836134A
; Patent No. 6020127
; GENERAL INFORMATION:
; APPLICANT: Mackenzie, Alex E.
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Mahadevan, Mani S.
; APPLICANT: McLean, Michael
; APPLICANT: Roy, Natalie
; APPLICANT: Ikeda, Joh-e
; TITLE OF INVENTION: Neuronal Apoptosis Inhibitor Protein, Gene Sequence and
; TITLE OF INVENTION: Mutations Causative of Spinal Muscular Atrophy
; FILE REFERENCE: 3477-112, 033477/139914
; CURRENT APPLICATION NUMBER: US/08/836,134A
; CURRENT FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-08-836-134-16

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2227 CATCTGCCACACCTGGCTAA 2249
Db 23 CATGTGCCAACACATCTGGCTAA 1
|||||

RESULT 507
US-09-493-784-16/c
; Sequence 16, Application US/09493784
; Patent No. 6429011
; GENERAL INFORMATION:
; APPLICANT: Mackenzie, Alex E.
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Mahadevan, Mani S.
; APPLICANT: McLean, Michael
; APPLICANT: Roy, Natalie
; APPLICANT: Ikeda, Joh-e
; TITLE OF INVENTION: Neuronal Apoptosis Inhibitor Protein, Gene Sequence and
; TITLE OF INVENTION: Mutations Causative of Spinal Muscular Atrophy
; FILE REFERENCE: 3477-112, 033477/139914
; CURRENT APPLICATION NUMBER: US/09/493,784
; CURRENT FILING DATE: 2000-01-28
; PRIOR FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-09-493-784-16

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2227 CATCTGCCACACCTGGCTAA 2249
Db 23 CATGTGCCAACACATCTGGCTAA 1
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RESULT 508  
US-09-544-398B-167  
; Sequence 167, Application US/09544398B  
; Patent No. 6770461  
; GENERAL INFORMATION:  
; APPLICANT: Carulli, John P.  
; APPLICANT: Little, Randall D.  
; APPLICANT: Recker, Robert R.  
; APPLICANT: Johnson, Mark L.  
; TITLE OF INVENTION: High bone mass gene of 11q13.3  
; FILE REFERENCE: 032796-013  
; CURRENT APPLICATION NUMBER: US/09/544,398B  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: US 09/229,319  
; PRIOR FILING DATE: 1999-01-13  
; PRIOR APPLICATION NUMBER: US 60/071,449  
; PRIOR FILING DATE: 1998-01-13  
; PRIOR APPLICATION NUMBER: US 60/105,511  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 641  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 167  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-544-398B-167

Query Match 0.8%; Score 18.2; DB 1; Length 23;  
Best Local Similarity 87.0%; Pred. No. 4e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2259 CTTTGTAGACAGCGGTTTCA 2281  
|||||  
DB 1 CTTTGTAGACAGGTTCTCA 23

RESULT 509  
US-09-018-584A-96/c  
; Sequence 96, Application US/09018584A  
; Patent No. 6238863  
; GENERAL INFORMATION:  
; APPLICANT: Schumm, James W.  
; APPLICANT: Bacher, Jeffery W.  
; TITLE OF INVENTION: MATERIALS AND METHODS FOR  
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
; REPEAT DNA MARKERS  
; NUMBER OF SEQUENCES: 147  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Promega Corporation  
; STREET: 2800 Woods Hollow Road  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: U.S.A.  
; ZIP: 53711-5399  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97 (DOS text format)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/784,423  
; FILING DATE: 15-Feb-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/018,584  
; FILING DATE: 04-Feb-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Grady J. Frenchick  
; REGISTRATION NUMBER: 29,018  
; REFERENCE/DOCKET NUMBER: 16026.9180  
; TELEPHONE: (608) 257-3501  
; TELEFAX: (608) 257-2275  
; INFORMATION FOR SEQ ID NO: 96  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97 (DOS text format)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/018,584A  
; FILING DATE: 04-Feb-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Grady J. Frenchick  
; REGISTRATION NUMBER: 29,018  
; REFERENCE/DOCKET NUMBER: 16026.9180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 257-3501  
; TELEFAX: (608) 257-2275  
; INFORMATION FOR SEQ ID NO: 96:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24

; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
US-09-018-584A-96

Query Match 0.8%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCAGT 2139  
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DB 23 TATCACCAGGCTGGAGTGCAT 1

RESULT 510  
US-09-784-423-96/c  
; Sequence 96, Application US/09784423  
; Patent No. 6767703  
; GENERAL INFORMATION:  
; APPLICANT: Schumm, James W.  
; APPLICANT: Bacher, Jeffery W.  
; TITLE OF INVENTION: MATERIALS AND METHODS FOR  
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
; REPEAT DNA MARKERS  
; NUMBER OF SEQUENCES: 147  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Promega Corporation  
; STREET: 2800 Woods Hollow Road  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: U.S.A.  
; ZIP: 53711-5399  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97 (DOS text format)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/784,423  
; FILING DATE: 15-Feb-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/018,584  
; FILING DATE: 04-Feb-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Grady J. Frenchick  
; REGISTRATION NUMBER: 29,018  
; REFERENCE/DOCKET NUMBER: 16026.9180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 257-3501  
; TELEFAX: (608) 257-2275  
; INFORMATION FOR SEQ ID NO: 96  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97 (DOS text format)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/784,423  
; FILING DATE: 15-Feb-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/018,584  
; FILING DATE: 04-Feb-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Grady J. Frenchick  
; REGISTRATION NUMBER: 29,018  
; REFERENCE/DOCKET NUMBER: 16026.9180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 257-3501  
; TELEFAX: (608) 257-2275  
; INFORMATION FOR SEQ ID NO: 96  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97 (DOS text format)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/784,423  
; FILING DATE: 15-Feb-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/018,584  
; FILING DATE: 04-Feb-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Grady J. Frenchick  
; REGISTRATION NUMBER: 29,018  
; REFERENCE/DOCKET NUMBER: 16026.9180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 257-3501  
; TELEFAX: (608) 257-2275  
; INFORMATION FOR SEQ ID NO: 96  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24

US-09-784-423-96

Query Match 0.8%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCAGT 2139  
|||||  
DB 23 TATCACCAGGCTGGAGTGCAT 1

RESULT 511  
US-09-156-253-30/c  
; Sequence 30, Application US/09156253C  
; Patent No. 6001652

GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Baker, Brenda F.  
APPLICANT: Cowsett, Lex M.  
TITLE OF INVENTION: Antisense Modulation of cREL Expression  
FILE REFERENCE: RTS-0010  
CURRENT APPLICATION NUMBER: US/09/156.253C  
CURRENT FILING DATE: 1998-09-18  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 30  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-156-253-30

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2341 CAAAGTGTGGGATTACA 2358  
Db 18 CAAAGTGTGGGATTACA 1

RESULT 512  
US-08-859-167-9  
Sequence 9, Application US/08859167  
Patent No. 6037461  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461ris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,167  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

US-08-859-167-9  
Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2334 GGCCTCCCAAGTGCTGG 2351  
Db 1 GGCCTCCCAAGTGCTGG 18

RESULT 513  
US-09-109-273-9  
Sequence 9, Application US/09109273  
Patent No. 6063760  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760ris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/109,273  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-109-273-9

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2334 GGCCTCCCAAGTGCTGG 2351  
Db 1 GGCCTCCCAAGTGCTGG 18

RESULT 514  
US-09-276-993-9  
Sequence 9, Application US/09276993  
Patent No. 6207801  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 620780Iris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/276,993  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-276-993-9

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGTGG 2351  
Db 1 GGCCTCCCAAGTGTGG 18

RESULT 515  
US-09-723-450-9  
; Sequence 9, Application US/09723450  
; Patent No. 6576751  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; TITLE OF INVENTION: Padd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, And  
; TITLE OF INVENTION: Compositions For And Methods Of Making The Same  
; FILE REFERENCE: TJU2445  
; CURRENT APPLICATION NUMBER: US/09/723,450  
; CURRENT FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: 09/276,993  
; PRIOR FILING DATE: 1999-03-26  
; PRIOR APPLICATION NUMBER: 08/859,167  
; PRIOR FILING DATE: 1997-05-20  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 9  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: No. 6576751el Sequence  
US-09-723-450-9

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGTGG 2351  
Db 1 GGCCTCCCAAGTGTGG 18  
RESULT 516  
US-09-044-602-2/c  
; Sequence 2, Application US/09044602  
; Patent No. 6613750  
; GENERAL INFORMATION:  
; APPLICANT: Depinho, Robert A.  
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE  
; FILE REFERENCE: 96700/469  
; CURRENT APPLICATION NUMBER: US/09/044,602  
; CURRENT FILING DATE: 1998-03-19  
; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 2  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer for MDM2 mutant  
US-09-044-602-2

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CAGATGTTGGCCTTCG 1288  
Db 18 CAGATGTTGGCCTTCG 1

RESULT 517  
US-09-672-717-98/c  
; Sequence 98, Application US/09672717  
; Patent No. 6673917  
; GENERAL INFORMATION:  
; APPLICANT: Korneluk, Robert G.  
; APPLICANT: Lacasse, Eric  
; APPLICANT: Baird, Stephen  
; APPLICANT: Holcik, Martin  
; APPLICANT: Young, Sean  
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses  
; TITLE OF INVENTION: Thereof  
; FILE REFERENCE: 07891/025001  
; CURRENT APPLICATION NUMBER: US/09/672,717  
; CURRENT FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 231  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 98  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: based on Homo sapiens  
US-09-672-717-98

Query Match 0.8%; Score 18; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2189 TCTCTGCCTCAGCTCC 2206  
Db 19 TCTCTGCCTCAGCTCC 2

RESULT 518  
US-09-780-173A-18/c  
; Sequence 18, Application US/09780173A  
; Patent No. 6455307  
; GENERAL INFORMATION:

```

; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/097,199
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/692,787
; FILING DATE: 31-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakashima, Richard A.
; REGISTRATION NUMBER: P-42,023
; REFERENCE/DOCKET NUMBER: UROC:018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-097-199-87

Query Match 0.8%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0;

QY 2336 CCTCCCAAGTCTGGGA 2353
DB 5 CCTCCCAAGTCTGGGA 22

RESULT 521
US-08-133-629-2/c
; Sequence 2, Application US/08133629
; Patent No. 5597694
; GENERAL INFORMATION:
; APPLICANT: Munroe, David J.
; APPLICANT: Housman, David E.
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/133,629
; FILING DATE: 07-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Greer, Helen
; REGISTRATION NUMBER: 36,816
; REFERENCE/DOCKET NUMBER: M0828/7001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; TELEX: 92-1742 EZEKIEL
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs

```

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-133-629-2

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCTC 2165
Db      ||||| ||||| ||||| ||||| |||||
        21 ATCTGGCTCACTGCAAGCTC 1

RESULT 522
US-08-933-358-15/c
; Sequence 15, Application US/08933358
; Patent No. 6013444
; GENERAL INFORMATION:
; APPLICANT: Dau, Peter C.
; APPLICANT: Liu, Debang
; TITLE OF INVENTION: DNA BRACKETING LOCUS COMPATIBLE STANDARDS FOR
; FILE REFERENCE: 434001aa
; CURRENT APPLICATION NUMBER: US/08/933,358
; CURRENT FILING DATE: 1997-09-18
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER SEQUENCE
US-08-933-358-15

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTCTGGATT 2355
Db      ||||| ||||| ||||| ||||| |||||
        21 GCTTCCCAAGTGTGGATT 1

RESULT 523
US-08-445-515-23/c
; Sequence 23, Application US/08445515
; Patent No. 6043088
; GENERAL INFORMATION:
; APPLICANT: Bookstein, Robert
; APPLICANT: Isaacs, William B.
; TITLE OF INVENTION: A No. 6043088el Prostate/Colon Tumor Suppressor
; TITLE OF INVENTION: Gene Located on Human Chromosome 8
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,515
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
```

```
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-CJ 1607
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-445-515-23

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2107 AGCTTGCTCTGTATCCAGG 2127
Db      ||||| ||||| ||||| ||||| |||||
        21 AGCTCGCTCAGTTACCCAGG 1

RESULT 524
US-09-918-686-87/c
; Sequence 87, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-87

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTGTGATCGCCACCT 2332
Db      ||||| ||||| ||||| ||||| |||||
        21 GACCTGTGATCGCCCGCCT 1

RESULT 525
US-08-070-517-2/c
; Sequence 2, Application US/08070517
; Patent No. 5538869
; GENERAL INFORMATION:
; APPLICANT: Michael J. Siciliano
; APPLICANT: Pu Liu
; TITLE OF INVENTION: In-Situ Hybridization Probes for
; TITLE OF INVENTION: Identification and Banding of
; TITLE OF INVENTION: Specific Human Chromosomes and
; TITLE OF INVENTION: Regions
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
```

```

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
US-08-118-441-2

Query Match      0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2124 CAGGCTGGAGTGCAGTGG 2141
DB      19 CAGGCTGGAGTGCARTGG 2

RESULT 527
US-08-422-699A-14/c
; Sequence 14, Application US/08422699A
; Patent No. 5955265
; GENERAL INFORMATION:
; APPLICANT: Brook, J. David
; APPLICANT: Housman, David E.
; APPLICANT: Shaw, Duncan J.
; APPLICANT: Harley, Helen G.
; APPLICANT: Johnson, Keith J.
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: US
; ZIP: 02713
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,699A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/422,706
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/023,612
; FILING DATE: 26-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/839,255
; FILING DATE: 20-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/01545
; FILING DATE: 19-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB93/00253
; FILING DATE: 05-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB9202485.0
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MIT-5830A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

```
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-422-699A-14

Query Match      0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
    |||||
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 528
US-08-422-706B-14/c
; Sequence 14, Application US/08422706B
; Patent No. 597733
; GENERAL INFORMATION:
; APPLICANT: Brook, J. David
; APPLICANT: Housman, David E.
; APPLICANT: Shaw, Duncan J.
; APPLICANT: Harley, Helen J.
; APPLICANT: Johnson, Keith J.
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: US
; ZIP: 02713
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,706B
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/284,543
; FILING DATE: 08-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/023,612
; FILING DATE: 26-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/839,255
; FILING DATE: 20-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/01545
; FILING DATE: 19-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB93/00253
; FILING DATE: 05-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB9202485.0
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MIT-5830A2
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)
US-08-422-706B-14

Query Match      0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
    |||||
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 529
US-08-338-579A-2/c
; Sequence 2, Application US/08338579A
; Patent No. 6068975
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,579A
; FILING DATE: June 17, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; US-08-338-579A-2

Query Match      0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
    |||||
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 530
PCT-US94-09851-2/c
; Sequence 2, Application PC/TUS9409851
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
```

```

;
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; PCT-US94-09851-2

Query Match 0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGAGTGCAGTGG 2141
Db 19 CAGGCTGAGTGCAGTGG 2

RESULT 531
US-08-222-177A-330
; Sequence 330, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222.177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:

```

```

;
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 330:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd103p2
; US-08-222-177A-330

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2331 CTCGGCTCCCAAGTGCT 2349
Db 1 CTCGGCTCCCAAGTGCT 19

RESULT 532
US-09-564-805-100/c
; Sequence 100, Application US/09564805
; Patent No. 6333403
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/564,805
; CURRENT FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-564-805-100

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
Db 19 CCTCAGCCTCCCAATTAGC 1

RESULT 533
US-09-091-952A-86/c
; Sequence 86, Application US/09091952A
; Patent No. 6458532
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; APPLICANT: Gershon, Elliot S.
; APPLICANT: Badner, Judith A.
; APPLICANT: Goldin, Lynn R.
; APPLICANT: Berrettini, Wade H.

```



```
; Yoshikawa, Takeo
; Sanders, Alan R.
; Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/091.952A
; FILING DATE: 19-Apr-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-OCT-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURES:
; NAME/KEY: -
; LOCATION: 1...19
; OTHER INFORMATION: D18S378 forward primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 86:
US-09-091-952A-86

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCCAGGCT 2129
Db 19 TTGCTCTGTACCCAGGCT 1

RESULT 534
US-09-404-912-3/c
; Sequence 3, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
```

```
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; ORGANISM: Homo Sapiens
US-09-404-912-3

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTTGGCTCACTGCAAG 2162
Db 19 GATCTGCGCTCACTGCAAG 1

RESULT 535
US-08-222-177A-351/c
; Sequence 351, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 351:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd110p2
US-08-222-177A-351

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2233 CCACCACACCTGCTAATT 2251
Db 19 CCACCACACCTGCTAATT 2251
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; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B. J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 286:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 286:
US-09-402-923A-286
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCT 2164
| | | | | | | | | | | | | | | |
Db 2 TCTTGGCTCACTGCAAGCT 20

RESULT 540
US-09-574-779B-30
; Sequence 30, Application US/09574779B
; Patent No. 6767720
; GENERAL INFORMATION:
; APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
; TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with
; TITLE OF INVENTION: function in signalling and/or gene regulation
; FILE REFERENCE: 2676-4415US
; CURRENT APPLICATION NUMBER: US/09/574,779B
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: 99201543.8
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 158
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer FVR510F
US-09-574-779B-30
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGCATGA 2365
| | | | | | | | | | | | | | | |

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Db 1 GCTGGGATTACAGCGGTGA 19

RESULT 541
US-09-544-398B-582/c
; Sequence 582, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-544-398B-582
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTACCC 2124
| | | | | | | | | | | | | | | |
Db 19 GAGTCTTGCTCTGTACCC 1

RESULT 542
US-08-781-891-28/c
; Sequence 28, Application US/08781891
; Patent No. 6090620
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; TITLE OF INVENTION: WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,891
; FILING DATE: 27-DEC-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6090620tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 240052.419
; TELECOMMUNICATION INFORMATION:

```

```

; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-781-891-28
Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTG 2312
Db 21 GGATGGTCTCGAACTCTG 3

RESULT 543
US-09-618-166-28/c
; Sequence 28, Application US/09618166
; Patent No. 6593112
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; Oshima, Junko
; Mulligan, John T.
; Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/618,166
; FILING DATE: 17-Jul-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 240052.419C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
;
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
;
US-09-618-166-28
Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTG 2312
Db 21 GGATGGTCTCGAACTCTG 3

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RESULT 544
US-08-133-629-4/c
; Sequence 4, Application US/08133629
; Patent No. 5597694
; GENERAL INFORMATION:
; APPLICANT: Munroe, David J.
; APPLICANT: Housman, David E.
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 02210
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/133,629
; FILING DATE: 07-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Greer, Helen
; REGISTRATION NUMBER: 36,816
; REFERENCE/DOCKET NUMBER: M0828/7001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; TELEX: 92-1742 EZEKIEL
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-133-629-4
Query Match 0.7%; Score 17.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGT 2119
Db 20 GAGAYRGAGTCTYRCTCTGT 1

RESULT 545
US-08-837-302-1/c
; Sequence 1, Application US/08837302
; Patent No. 5968741
; GENERAL INFORMATION:
; APPLICANT: Plevy, Scott E.
; APPLICANT: Targan, Stephan R.
; TITLE OF INVENTION: Methods of Diagnosing a Medically
; Resistant Clinical Subtype of Ulcerative Colitis
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: US/08/837,302  
FILING DATE: 11-APR-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-PM 2502  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-837-302-1

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 4.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGTGC 2136  
||||| ||||| ||||| ||||| |||||  
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 546  
US-08-798-668-1/c  
Sequence 1, Application US/08798668  
Patent No. 6001569  
GENERAL INFORMATION:  
APPLICANT: PLEVY M.D., SCOTT E  
APPLICANT: ROTTER M.D., JEROME I  
APPLICANT: TARGAN M.D., STEPHAN R  
APPLICANT: TOYODA Ph.D., HIROO  
APPLICANT: YANG M.D., HUIYING  
TITLE OF INVENTION: METHODS OF SCREENING FOR CROHN'S  
DISEASE USING TNF MICROSATELLITE ALLELES  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PRETTY, SCHROEDER, BRUEGEMANN & CLARK  
STREET: 444 SOUTH FLOWER STREET, SUITE 2000  
CITY: LOS ANGELES  
STATE: CALIFORNIA  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/798,668  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/245,297  
FILING DATE: 17-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: WHITEFORD, WENDY A  
REGISTRATION NUMBER: 36,964  
REFERENCE/DOCKET NUMBER: P07 32313  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-4442  
TELEFAX: (213) 489-4210  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

US-08-798-668-1

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 4.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2115 TCTGTTACCCAGGCTGGAGTGC 2136  
||||| ||||| ||||| ||||| |||||  
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 547

US-08-855-825-1/c  
Sequence 1, Application US/08855825  
Patent No. 6183951  
GENERAL INFORMATION:  
APPLICANT: Plevy, Scott E.  
Targan, Stephan R.  
Taylor, Kent  
Barry, Mary J.

TITLE OF INVENTION: Methods of Diagnosing Clinical Subtypes  
of Crohn's Disease with Characteristic Responsiveness to  
Anti-Th1 Cytokine Therapy

NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/855,825  
FILING DATE: 12-May-1997  
CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-PM 2591  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-08-855-825-1

Query Match 0.7%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 4.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGTGC 2136  
||||| ||||| ||||| ||||| |||||  
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 548  
US-09-395-345-28/c  
Sequence 28, Application US/09395345  
Patent No. 6376176  
GENERAL INFORMATION:  
APPLICANT: Taylor, Kent D.  
APPLICANT: Rotter, Jerome I.  
APPLICANT: Yang, Huiying

```
; TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex
; TITLE OF INVENTION: Class III Haplotype To Diagnose Crohn's Disease
; FILE REFERENCE: P-CR 3639
; CURRENT APPLICATION NUMBER: US/09/395,345
; CURRENT FILING DATE: 1999-09-13
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-395-345-28

Query Match      0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCAGGCTGGAGTGC 2136
      ||||| ||||| ||||| |||||
Db 22 TCTGTGGCTAGGCTGGAGTGC 1

RESULT 549
US-09-419-406-1/c
; Sequence 1, Application US/09419406
; Patent No. 6534263
; GENERAL INFORMATION:
; APPLICANT: PLEVY, SCOTT B.
; APPLICANT: ROTTGER, JEROME I.
; APPLICANT: TARGAN, STEPHAN R.
; APPLICANT: TOYODA, HIROO
; APPLICANT: YANG, HUIYING
; TITLE OF INVENTION: METHODS OF SCREENING FOR CROHN'S DISEASE
; TITLE OF INVENTION: USING TNF MICROSATELLITE ALLELES
; FILE REFERENCE: 28100010US02
; CURRENT APPLICATION NUMBER: US/09/419,406
; CURRENT FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 08/798,668
; PRIOR FILING DATE: 1997-02-11
; PRIOR APPLICATION NUMBER: 08/245,297
; PRIOR FILING DATE: 1994-05-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: (genomic)
US-09-419-406-1

Query Match      0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCAGGCTGGAGTGC 2136
      ||||| ||||| ||||| |||||
Db 22 TCTGTGGCTAGGCTGGAGTGC 1

RESULT 550
US-08-635-820A-2/c
; Sequence 2, Application US/08635820A
; Patent No. 5817462
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOR
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: Mark M. Friedman c/o Robert Sheinbein
; STREET: 2940 Birchtree lane
; CITY: Silver Spring
; STATE: Maryland
```

```
; COUNTRY: United States of America
; ZIP: 20906
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2.
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/635,820A
; FILING DATE: 22-Apr-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/107,673
; FILING DATE: 18-Aug-93
; APPLICATION NUMBER: 08/392,019
; FILING DATE: 21-Feb-95
; APPLICATION NUMBER: 08/571,047
; FILING DATE: 12-Dec-95
; APPLICATION NUMBER: 08/575,191
; FILING DATE: 20-Dec-95
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 205/15
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-635-820A-2

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAG 2138
      ||||| ||||| ||||| |||||
Db 17 CCCAGGCTGGAGTGCAG 1

RESULT 551
US-09-100-104-2/c
; Sequence 2, Application US/09100104
; Patent No. 6066459
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE
; TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND
; TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 20001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/100,104
```

```
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/107,673
; FILING DATE: 18-Aug-93
; APPLICATION NUMBER: 08/392,019
; FILING DATE: 21-Feb-95
; APPLICATION NUMBER: 08/571,047
; FILING DATE: 12-Dec-95
; APPLICATION NUMBER: 08/575,191
; FILING DATE: 20-Dec-95
; APPLICATION NUMBER: 08/635,820
; FILING DATE: 22-Apr-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 205/15
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-100-104-2
Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2122 CCCAGGCTGGAGTGCAG 2138
Db 17 CCCAGGCTGGAGTGCAG 1

RESULT 552
US-09-038-637-155/c
; Sequence 155, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,637
; FILING DATE: 10-MAR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/579,233
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/146001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
```

```
; INFORMATION FOR SEQ ID NO: 155:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-09-038-637-155
Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2125 AGGCTGGAGTGCAGTGG 2141
Db 20 AGGCTGGAGTGCAGTGG 4

RESULT 553
US-09-487-445-94/c
; Sequence 94, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-487-445-94
Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2125 AGGCTGGAGTGCAGTGG 2141
Db 20 AGGCTGGAGTGCAGTGG 4

RESULT 554
US-08-849-701-12
; Sequence 12, Application US/08849701
; Patent No. 592544
; GENERAL INFORMATION:
; APPLICANT: Miyai, Kiyoshi
; APPLICANT: Naitoh, Tsutomu
; APPLICANT: Yonekawa, Toshihiro
; TITLE OF INVENTION: Method of Cell Detection
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,701
; FILING DATE:
; CLASSIFICATION: 435
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP95/02734
; FILING DATE: 27-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: EIKEN1.001APC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
;
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-849-701-12

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCTCC 2206
|||||
Db 1 ATTCTCTGCTCAGCCTCC 20

RESULT 555
US-08-837-201C-25
; Sequence 25, Application US/08837201C
; Patent No. 5985559
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201C
; FILING DATE: April 14, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-08-837-201C-25

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Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAG 2345
|||||
Db 1 CCTGCCTCGGCTCCCAAG 20

RESULT 556
US-09-073-567-25/c
; Sequence 25, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
US-09-073-567-25

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
|||||
Db 20 GTGAGTAAGAACAGGTGTCA 1

RESULT 557
US-09-357-073-12
; Sequence 12, Application US/09357073
; Patent No. 6033910
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0086
; CURRENT APPLICATION NUMBER: US/09/357,073

```



<p>;; CURRENT FILING DATE: 1999-07-19 ;; NUMBER OF SEQ ID NOS: 47 ; SEQ ID NO 12 ; LENGTH: 20 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-09-357-073-12</p> <p>Query Match            0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity   90.0%; Pred. No. 5e+02; Matches   18; Conservative   0; Mismatches   2; Indels   0; Gaps   0;</p> <p>QY         875 TATTCCCTTTCCTTTGATG 894                   Db         1 TTTTCCCCTTTCCTTTGATG 20</p>	<p>RESULT 558 US-09-358-384-38/c ; Sequence 38, Application US/09358384 ; Patent No. 6130088 ; GENERAL INFORMATION: ; APPLICANT: Brett P. Monia ; APPLICANT: Lex M. Cowsett ; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 1 EXPRESSION ; FILE REFERENCE: RTS-0083 ; CURRENT APPLICATION NUMBER: US/09/358,384 ; CURRENT FILING DATE: 1999-07-21 ; NUMBER OF SEQ ID NOS: 47 ; SEQ ID NO 38 ; LENGTH: 20 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-09-358-384-38</p> <p>Query Match            0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity   90.0%; Pred. No. 5e+02; Matches   18; Conservative   0; Mismatches   2; Indels   0; Gaps   0;</p> <p>QY         2261 TTGTAGTAGACAGGGTTTC 2280                   Db         20 TTGTAGTAGACAGGGTTTC 1</p>	<p>RESULT 559 US-09-435-296-80/c ; Sequence 80, Application US/09435296 ; Patent No. 6171860 ; GENERAL INFORMATION: ; APPLICANT: Brenda F. Baker ; APPLICANT: Lex M. Cowsett ; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION ; FILE REFERENCE: RTS-0116 ; CURRENT APPLICATION NUMBER: US/09/435,296 ; CURRENT FILING DATE: 1999-11-05 ; NUMBER OF SEQ ID NOS: 89 ; SEQ ID NO 80 ; LENGTH: 20 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-09-435-296-80</p> <p>Query Match            0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity   90.0%; Pred. No. 5e+02; Matches   18; Conservative   0; Mismatches   2; Indels   0; Gaps   0;</p> <p>QY         2326 CCCACCTCGGCCTCCCAAAG 2345</p>
<p>Db         20 CCAGCCTCGGCCTCCCAAAG 1                   RESULT 560 US-09-435-296-81/c ; Sequence 81, Application US/09435296 ; Patent No. 6171860 ; GENERAL INFORMATION: ; APPLICANT: Brenda F. Baker ; APPLICANT: Lex M. Cowsett ; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION ; FILE REFERENCE: RTS-0116 ; CURRENT APPLICATION NUMBER: US/09/435,296 ; CURRENT FILING DATE: 1999-11-05 ; NUMBER OF SEQ ID NOS: 89 ; SEQ ID NO 81 ; LENGTH: 20 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-09-435-296-81</p> <p>Query Match            0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity   90.0%; Pred. No. 5e+02; Matches   18; Conservative   0; Mismatches   2; Indels   0; Gaps   0;</p> <p>QY         2345 GTGCTGGGATTACAGGCATG 2364                   Db         20 GTACTGGGATTACAGGCATG 1</p>	<p>RESULT 561 US-09-280-805-26/c ; Sequence 26, Application US/09280805 ; Patent No. 6184212 ; GENERAL INFORMATION: ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. ; APPLICANT: Graham, Brett P. Monia ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 ; TITLE OF INVENTION: EXPRESSION ; NUMBER OF SEQUENCES: 271 ; CORRESPONDENCE ADDRESS: ; ADDRESSEE: Law Offices of Jane Massey Licata ; STREET: 66 East Main Street ; CITY: Marlton ; STATE: NJ ; COUNTRY: U.S.A. ; ZIP: 08053 ; COMPUTER READABLE FORM: ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE ; COMPUTER: IBM PC ; OPERATING SYSTEM: WINDOWS 95 ; SOFTWARE: WORDPERFECT 6.0 ; CURRENT APPLICATION DATA: ; APPLICATION NUMBER: US/09/280,805 ; FILING DATE: herewith ; CLASSIFICATION: ; PRIOR APPLICATION DATA: ; APPLICATION NUMBER: 09/048,810 ; FILING DATE: March 26, 1998 ; ATTORNEY/AGENT INFORMATION: ; NAME: Licata, Jane Massey ; REGISTRATION NUMBER: 32,257 ; REFERENCE/DOCKET NUMBER: ISPH-0346 ; TELECOMMUNICATION INFORMATION: ; TELEPHONE: 609-810-1515 ; TELEFAX: 609-810-1454 ; INFORMATION FOR SEQ ID NO: 26: ; SEQUENCE CHARACTERISTICS: ; LENGTH: 20 base pairs ; TYPE: Nucleic Acid</p>	

```
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
US-09-280-805-26

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
DB 20 TTTACATGTATAAAGAAGCT 1

RESULT 562
US-09-038-637-135/c
; Sequence 135, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidraneky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; FILING DATE: 10-MAR-1998
; APPLICATION NUMBER: US/09/038,637
; PRIOR APPLICATION DATA:
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/579,233
; FILING DATE: 12-NOV-1993
; APPLICATION NUMBER: 08/152,313
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/146001
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-09-038-637-135

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTTACCCAGCT 2129
DB 20 CTTGCTTTGTCCACCCAGCT 1

RESULT 563
US-09-048-810-26/c
; Sequence 26, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
```

```
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
US-09-048-810-26

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
DB 20 TTTACATGTATAAAGAAGCT 1

RESULT 564
US-09-487-445-95/c
; Sequence 95, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-95

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2144 GATCTTGGTCTCACTGCAAGC 2163
DB 20 GATCTCGGCTCACCGCAAGC 1
```

## RESULT 565

US-09-467-642-70/c  
; Sequence 70, Application US/09467642  
; Patent No. 6300132  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
; FILE REFERENCE: RTS-0106  
; CURRENT APPLICATION NUMBER: US/09/467,642  
; CURRENT FILING DATE: 1999-12-20  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 70  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-70

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2272 CAGGGTTTACCGTGTAGC 2291

Db 20 CGGGTTTACCGTGTGGC 1

## RESULT 566

US-09-467-642-72/c  
; Sequence 72, Application US/09467642  
; Patent No. 6300132  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
; FILE REFERENCE: RTS-0106  
; CURRENT APPLICATION NUMBER: US/09/467,642  
; CURRENT FILING DATE: 1999-12-20  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 72  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-72

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 CGGCCACCTCGGCTCCCA 2342

Db 20 CCACCAACTCGGCTCCCA 1

## RESULT 567

US-09-364-416-25  
; Sequence 25, Application US/09364416  
; Patent No. 6312900  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
; APPLICANT: Miraglia; Brenda F. Baker  
; TITLE OF INVENTION: Antisense Oligonucleotide  
; TITLE OF INVENTION: Compositions and Methods for the Modulation of  
; TITLE OF INVENTION: Activating Protein 1  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street

CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/364,416  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201  
FILING DATE: April 14, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-364-416-25

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCACCTCGGCTCCCAAG 2345

Db 1 CCGCTCGGCTCCCAAG 20

## RESULT 568

US-09-488-856A-73/c  
; Sequence 73, Application US/09488856A  
; Patent No. 6316259  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Robert McKay  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EX  
; FILE REFERENCE: RTS-0115  
; CURRENT APPLICATION NUMBER: US/09/488,856A  
; CURRENT FILING DATE: 2000-01-21  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 73  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-488-856A-73

Query Match 0.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATGA 2365

Db 20 TGCTGGGATTACAGGGTGA 1

## RESULT 569

US-09-662-250A-76

; Sequence 76, Application US/09662250A

; Patent No. 6368856

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION

; FILE REFERENCE: RTS-0129

; CURRENT APPLICATION NUMBER: US/09/662,250A

; CURRENT FILING DATE: 2000-09-14

; NUMBER OF SEQ ID NOS: 102

; SEQ ID NO 76

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-662-250A-76

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 5e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2115 TCTGTTACCCAGGCTGGAGT 2134

|||||

Db 1 TCTGTCACCCAGGCTGGTGT 20

RESULT 570

US-09-851-896-17/c

; Sequence 17, Application US/09851896

; Patent No. 6410325

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT

; FILE REFERENCE: RTS-0220

; CURRENT APPLICATION NUMBER: US/09/851,896

; CURRENT FILING DATE: 2001-05-08

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 17

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-851-896-17

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 5e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2344 AGTGCTGGGATTACAGGCAT 2363

|||||

Db 20 AGTGGTGGGATTACAGGTAT 1

RESULT 571

US-09-657-346A-24/c

; Sequence 24, Application US/09657346A

; Patent No. 6503754

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST

; TITLE OF INVENTION: EXPRESSION

; FILE REFERENCE: RTS-0135

; CURRENT APPLICATION NUMBER: US/09/657,346A

; CURRENT FILING DATE: 2000-09-07

; NUMBER OF SEQ ID NOS: 174

; SEQ ID NO 24

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-627-465B-27
```

```
Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2347 GCTGGATTACAGGCATGAG 2366
|||||
```

```
Db 1 GTTGGATTACAGGCACGAG 20
|||||
```

# RESULT 574

```
US-09-018-584A-67/c
; Sequence 67, Application US/09018584A
; Patent No. 6238863
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Schumm, James W.
```

```
; APPLICANT: Bacher, Jeffery W.
```

```
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
```

```
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
```

```
; TITLE OF INVENTION: REPEAT DNA MARKERS
```

```
; NUMBER OF SEQUENCES: 147
```

```
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Promega Corporation
```

```
; STREET: 2800 Woods Hollow Road
```

```
; CITY: Madison
```

```
; STATE: Wisconsin
```

```
; COUNTRY: U.S.A.
```

```
; ZIP: 53711-5399
```

```
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
```

```
; COMPUTER: IBM compatible PC
```

```
; OPERATING SYSTEM: Windows 95
```

```
; SOFTWARE: Word 97 (DOS text format)
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/018,584A
```

```
; FILING DATE: 04-Feb-1998
```

```
; CLASSIFICATION:
```

```
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Grady J. Frenchick
```

```
; REGISTRATION NUMBER: 29,018
```

```
; REFERENCE/DOCKET NUMBER: 16026.9180
```

```
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: (608) 257-3501
```

```
; TELEFAX: (608) 257-2275
```

```
; INFORMATION FOR SEQ ID NO: 67:
```

```
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 21
```

```
; TYPE: Nucleic Acid
```

```
; STRANDEDNESS: Single
```

```
; TOPOLOGY: Linear
```

```
; US-09-018-584A-67
```

```
Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2111 TTGCTCTGTTACCAAGGCTG 2130
|||||
```

```
Db 20 TTGCTCTGTTACCAAGGCTG 1
|||||
```

# RESULT 575

```
US-09-018-584A-112/c
```

```
; Sequence 112, Application US/09018584A
```

```
; Patent No. 6238863
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Schumm, James W.
```

```
; APPLICANT: Bacher, Jeffery W.
```

```
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
```

```
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
```

```
; TITLE OF INVENTION: REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Promega Corporation
```

```
; STREET: 2800 Woods Hollow Road
```

```
; CITY: Madison
```

```
; STATE: Wisconsin
```

```
; COUNTRY: U.S.A.
```

```
; ZIP: 53711-5399
```

```
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
```

```
; COMPUTER: IBM compatible PC
```

```
; OPERATING SYSTEM: Windows 95
```

```
; SOFTWARE: Word 97 (DOS text format)
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/018,584A
```

```
; FILING DATE: 04-Feb-1998
```

```
; CLASSIFICATION:
```

```
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Grady J. Frenchick
```

```
; REGISTRATION NUMBER: 29,018
```

```
; REFERENCE/DOCKET NUMBER: 16026.9180
```

```
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: (608) 257-3501
```

```
; TELEFAX: (608) 257-2275
```

```
; INFORMATION FOR SEQ ID NO: 112:
```

```
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 21
```

```
; TYPE: Nucleic Acid
```

```
; STRANDEDNESS: Single
```

```
; TOPOLOGY: Linear
```

```
; US-09-018-584A-112
```

```
Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2106 GAGTCTTGCTGTTACCCA 2125
|||||
```

```
Db 20 GAGTCTTGCTGTTGCCCA 1
|||||
```

# RESULT 576

```
US-09-784-423-67/c
```

```
; Sequence 67, Application US/09784423
```

```
; Patent No. 6767703
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Schumm, James W.
```

```
; APPLICANT: Bacher, Jeffery W.
```

```
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
```

```
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
```

```
; REPEAT DNA MARKERS
```

```
; NUMBER OF SEQUENCES: 147
```

```
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Promega Corporation
```

```
; STREET: 2800 Woods Hollow Road
```

```
; CITY: Madison
```

```
; STATE: Wisconsin
```

```
; COUNTRY: U.S.A.
```

```
; ZIP: 53711-5399
```

```
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
```

```
; COMPUTER: IBM compatible PC
```

```
; OPERATING SYSTEM: Windows 95
```

```
; SOFTWARE: Word 97 (DOS text format)
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/784,423
```

```
; FILING DATE: 15-Feb-2001
```

```
; CLASSIFICATION: <Unknown>
```

```
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: 09/018,584
```

```
; FILING DATE: 04-Feb-1998
```

```
; ATTORNEY/AGENT INFORMATION:
```

```

; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 67
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 67
US-09-784-423-67

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCCAGGCTG 2130
Db 20 TTGCTCTGTACCCAGGCTG 1

RESULT 577
US-09-784-423-112/c
; Sequence 112, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 112
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 112
US-09-784-423-112

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2106 GAGCTTGCTCTGTTACCCA 2125
Db 20 GAGCTTACTCTGTGTGCCCA 1

RESULT 578
US-08-117-952-287/c
; Sequence 287, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 287:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-287

Query Match 0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2094 TTTTGTGACCGAGTCTTG 2113
Db 20 TTTTGTGACAGGGTCTTG 1

RESULT 579
US-08-859-998-25/c
; Sequence 25, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Jokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1375

```

```
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
;
; US-08-859-998-25
;
; Query Match 0.7%; Score 16.8; DB 1; Length 22;
; Best Local Similarity 90.0%; Pred. No. 4.9e+02;
; Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2122 CCACGGCTGGAGTGCAGTGG 2141
; Db 21 CTCAGGCTGGAGTGTAGTGG 2
;
; RESULT 580
; US-09-245-041-92/c
; Sequence 92, Application US/09245041
; Patent No. 6274339
; GENERAL INFORMATION:
; APPLICANT: Moore, K.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT
; FILE REFERENCE: 7853-136
; CURRENT APPLICATION NUMBER: US/09/245,041
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/093,630
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: 60/104,978
; EARLIER FILING DATE: 1998-10-20
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
; US-09-245-041-92
;
; Query Match 0.7%; Score 16.8; DB 1; Length 22;
; Best Local Similarity 90.0%; Pred. No. 4.9e+02;
; Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2268 GAGACAGGGTTTCACCGTGT 2287
; Db 21 GAGACAGGGTCTCAGTGTGT 2
;
; RESULT 581
; US-09-225-928-25/c
; Sequence 25, Application US/09225928
; Patent No. 6352829
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; Jekhade, George
; Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,928
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
;
; US-09-225-928-25
;
; Query Match 0.7%; Score 16.8; DB 1; Length 22;
; Best Local Similarity 90.0%; Pred. No. 4.9e+02;
; Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2122 CCACGGCTGGAGTGCAGTGG 2141
; Db 21 CTCAGGCTGGAGTGTAGTGG 2
;
; RESULT 582
; US-09-225-201B-25/c
; Sequence 25, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; Jekhade, George
; Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
```

EXPRESSSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
US-09-225-201B-25  
Query Match 0.7%; Score 16.8; DB 1; Length 22;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2122 CCCAGCTGGAGTGCAGTGG 2141  
Db 21 CTCAGGCTGGAGTGTAGTGG 2  
RESULT 583  
US-09-358-055B-93/C  
Sequence 93, Application US/09358055B  
Patent No. 6713277  
GENERAL INFORMATION:  
APPLICANT: Moore, K.  
APPLICANT: Nagle, D.L.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND  
TREATMENT OF BODY WEIGHT DISORDERS INCLUDING  
TITLE OF INVENTION: OBESITY  
FILE REFERENCE: 7853-151  
CURRENT APPLICATION NUMBER: US/09/358,055B  
PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/245,041  
NUMBER OF SEQ ID NOS: 153  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 93  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-358-055B-93

Query Match 0.7%; Score 16.8; DB 1; Length 22;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2268 GAGACAGGGTTTCACCGTGT 2287  
Db 21 GAGACAGGGTCTCACTGTGT 2  
RESULT 584  
US-09-893-238-92/C  
Sequence 92, Application US/09893238  
Patent No. 6727348  
GENERAL INFORMATION:  
APPLICANT: Moore, K.  
APPLICANT: Nagle, D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND  
DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY  
FILE REFERENCE: 7853-237  
CURRENT APPLICATION NUMBER: US/09/893,238  
PRIOR FILING DATE: 2001-06-27  
PRIOR APPLICATION NUMBER: 09/245,041  
PRIOR FILING DATE: 1999-02-05  
PRIOR APPLICATION NUMBER: 60/093,630  
PRIOR FILING DATE: 1998-07-21  
PRIOR APPLICATION NUMBER: 60/104,978  
PRIOR FILING DATE: 1998-10-20  
NUMBER OF SEQ ID NOS: 129  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 92  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-893-238-92  
Query Match 0.7%; Score 16.8; DB 1; Length 22;  
Best Local Similarity 90.0%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2268 GAGACAGGGTTTCACCGTGT 2287  
Db 21 GAGACAGGGTCTCACTGTGT 2  
RESULT 585  
US-09-156-253-45  
Sequence 45, Application US/09156253C  
Patent No. 6001652  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Baker, Brenda F.  
APPLICANT: Cowest, Lex M.  
TITLE OF INVENTION: Antisense Modulation of CREL Expression  
FILE REFERENCE: RTS-0010  
CURRENT APPLICATION NUMBER: US/09/156,253C  
CURRENT FILING DATE: 1998-09-18  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 45  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-156-253-45  
Query Match 0.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;



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QY 2338 TCCCAAAGTCTGGATT 2355
|||||
Db 1 TCCCAAAGTCTAGATT 18

RESULT 586
US-09-161-443-47/c
; Sequence 47, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
; FILE REFERENCE: RTS-0011
; CURRENT APPLICATION NUMBER: US/09/161.443A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-47

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2336 CTTCCCAAAGTCTGGGA 2353
|||||
Db 18 CTTCCCAAAGTCTGGGA 1

RESULT 587
US-09-630-706-94
; Sequence 94, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630.706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 94
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-94

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGATTACA 2358
|||||
Db 1 CAAAGTCTGAGATTACA 18

RESULT 588
US-08-755-587-124/c
; Sequence 124, Application US/08755587
; Patent No. 6045997
; GENERAL INFORMATION:
; APPLICANT: Futreal, Phillip A
; APPLICANT: Wooster, Richard F
; APPLICANT: Ashworth, Alan
; APPLICANT: Stratton, Michael R
; TITLE OF INVENTION: Materials and methods relating to the
```

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; TITLE OF INVENTION: identification and sequencing of the BRCA2 cancer
; TITLE OF INVENTION: susceptibility gene and uses thereof.
; NUMBER OF SEQUENCES: 222
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer Park & Gibson
; STREET: 310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
; CITY: Raleigh
; STATE: NC
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/755,587
; FILING DATE: 25-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9523959.6
; FILING DATE: 23-NOV-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9525555.0
; FILING DATE: 14-DEC-1995
; APPLICATION NUMBER: GB 9617961.9
; FILING DATE: 28-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kenneth D Sibley
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5405-135
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-755-587-124

Query Match 0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACGACATGAGCCAC 2370
|||||
Db 19 ATTACAGACATGAGCCAC 2

RESULT 589
US-07-952-442-19/c
; Sequence 19, Application US/07952442
; Patent No. 5374525
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lifton, Richard P.
; APPLICANT: Soubrier, Florent
; APPLICANT: Kotelevtsev, Youri
; APPLICANT: Corval, Pierre
; TITLE OF INVENTION: Angiotensinogen Gene Variants and
; TITLE OF INVENTION: Predisposition to Essential Hypertension
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```

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; APPLICATION NUMBER: US/07/952,442
; FILING DATE: 19920930
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-07-952-442-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 590
US-08-269-766-19/c
; Sequence 19, Application US/08269766
; Patent No. 5589584
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lifton, Richard P.
; APPLICANT: Soubrier, Florent
; APPLICANT: Kotelevtsev, Youri
; APPLICANT: Corval, Pierre
; TITLE OF INVENTION: Angiotensinogen Gene Variants and
; TITLE OF INVENTION: Predisposition to Essential Hypertension
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/269,766
; FILING DATE: 01-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/952,442
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Synthetic DNA"
; ANTI-SENSE: NO
;
US-08-416-831B-5

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-08-269-766-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 591
US-08-416-831B-5/c
; Sequence 5, Application US/08416831B
; Patent No. 5708159
; GENERAL INFORMATION:
; APPLICANT: Ohno, Tsuneya
; APPLICANT: Hirotsu, Takuo
; APPLICANT: Keshi, Hiroyuki
; APPLICANT: Matsuhashi, Akio
; TITLE OF INVENTION: Probe for Diagnosing Infectious Diseases
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-8402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/416,831B
; FILING DATE: 19-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01555
; FILING DATE: 25-OCT-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JPA 4-285802
; FILING DATE: 23-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 19036/32578
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Synthetic DNA"
; ANTI-SENSE: NO
;
US-08-416-831B-5

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
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Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 393 GTTAGACCAAGCCATTG 410  
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 Db 20 GTTAGACCTAAGCCATTG 3

## RESULT 592

US-08-319-545A-19/c  
 ; Sequence 19, Application US/08319545A

; Patent No. 5763168

; GENERAL INFORMATION:

; APPLICANT: Lalouel, Jean-Marc

; APPLICANT: Jeunemaitre, Xavier

; APPLICANT: Lifton, Richard P.

; APPLICANT: Soubrier, Florent

; APPLICANT: Kotelevtsev, Yuri

; APPLICANT: Corvol, Pierre

; TITLE OF INVENTION: Method to Determine Predisposition

; NUMBER OF SEQUENCES: 22

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Venable, Baetjer, Howard & Civiletti

; STREET: 1201 New York Avenue N.W., Suite 1000

; CITY: Washington

; STATE: DC

; ZIP: 20005

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 5.1/5.2 Windows

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/319,545A

; FILING DATE: 7-OCT-1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/952,442

; FILING DATE: 30-SEP-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Ihnen, Jeffrey L.

; REGISTRATION NUMBER: 28,957

; REFERENCE/DOCKET NUMBER: 19780-104502-2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-962-4810

; TELEX: 202-962-8300

; INFORMATION FOR SEQ ID NO: 19:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; ORIGINAL SOURCE:

; ORGANISM: Homo sapiens

; US-08-319-545A-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;

Best Local Similarity 94.4%; Pred. No. 5.3e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139

|||

Db 18 CCGAGGCTGGAGTGCAGT 1

## RESULT 593

US-09-092-988-19/c

; Sequence 19, Application US/09092988

; Patent No. 5998145

; GENERAL INFORMATION:

; APPLICANT: Lalouel, Jean-Marc

; APPLICANT: Jeunemaitre, Xavier

; APPLICANT: Lifton, Richard P.

; APPLICANT: Soubrier, Florent

; APPLICANT: Kotelevtsev, Yuri

; APPLICANT: Corvol, Pierre

; TITLE OF INVENTION: Method to Determine Predisposition

; NUMBER OF SEQUENCES: 22

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Venable, Baetjer, Howard & Civiletti

; STREET: 1201 New York Avenue N.W., Suite 1000

; CITY: Washington

; STATE: DC

; ZIP: 20005

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 5.1/5.2 Windows

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/092,988

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/319,545

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Ihnen, Jeffrey L.

; REGISTRATION NUMBER: 28,957

; REFERENCE/DOCKET NUMBER: 19780-104502-2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-962-4810

; TELEX: 202-962-8300

; INFORMATION FOR SEQ ID NO: 19:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; ORIGINAL SOURCE:

; ORGANISM: Homo sapiens

; US-09-092-988-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;

Best Local Similarity 94.4%; Pred. No. 5.3e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139

|||

Db 18 CCGAGGCTGGAGTGCAGT 1

## RESULT 594

US-09-106-216-19/c

; Sequence 19, Application US/09106216

; Patent No. 6153386

; GENERAL INFORMATION:

; APPLICANT: Lalouel, Jean-Marc

; APPLICANT: Jeunemaitre, Xavier

; APPLICANT: Lifton, Richard P.

; APPLICANT: Soubrier, Florent

; APPLICANT: Kotelevtsev, Yuri

; APPLICANT: Corvol, Pierre

; TITLE OF INVENTION: Method to Determine Predisposition to

; NUMBER OF SEQUENCES: 58

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Rothwell, Figg, Ernst & Kurz

; STREET: 555 Thirteenth Street N.W., Suite 701-E

```
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,216
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/
; FILING DATE: 08-JUN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/319,545
; FILING DATE: 07-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/952,545
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2323-124
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-106-216-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTGCAGT 2139
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 595
US-09-429-034-19/c
; Sequence 19, Application US/09429034
; Patent No. 6165727
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lifton, Richard P.
; APPLICANT: Soubrier, Florent
; APPLICANT: Kotelevtsev, Youri
; APPLICANT: Corvol, Pierre
; TITLE OF INVENTION: Method to Determine Predisposition
; TITLE OF INVENTION: to Hypertension
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1/5.2 Windows
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/429,034
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,545
; FILING DATE: 7-OCT-1994
; APPLICATION NUMBER: US 07/952,442
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-09-429-034-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTGCAGT 2139
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 596
US-10-215-448-77/c
; Sequence 77, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-77

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 519 AGCAACAACATATTGTA 536
Db 18 AAGCAACAACATGTTGTA 1

RESULT 597
US-08-394-210-6
; Sequence 6, Application US/08394210
; Patent No. 5814716
; GENERAL INFORMATION:
; APPLICANT: JALLAT, SOPHIE
; APPLICANT: MEULIEN, PIERRE
```

;; APPLICANT: PAVIRANI, ANDREA  
;; APPLICANT: PERAUD, FREDERIC  
;; TITLE OF INVENTION: CELL LINEAGES EXPRESSING A BIOLOGICALLY  
;; TITLE OF INVENTION: ACTIVE IX FACTOR  
;; NUMBER OF SEQUENCES: 20  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN  
;; STREET: 1615 L Street, N.W.  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 20036-5601  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA: US/08/394,210  
;; FILING DATE:  
;; CLASSIFICATION: 800  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/038,085  
;; FILING DATE:  
;; APPLICATION NUMBER: US 07/675,889  
;; FILING DATE: 09-APR-1991  
;; APPLICATION NUMBER: FR 8910720  
;; FILING DATE: 09-AUG-1989  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: WHITE JR, PAUL E  
;; REGISTRATION NUMBER: 32011  
;; REFERENCE/DOCKET NUMBER: PEW/5683/84493  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-861-3000  
;; TELEFAX: (202) 861-0944  
;; TELEX: 6714627 CUSH  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 21 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-08-394-210-6  
  
Query Match 0.7%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 2352 GATTACAGGCGATGACCCACG 2372  
|||||  
Db 1 GATTATAGGCGTGACCACTG 21  
  
RESULT 598  
US-08-632-575B-21/c  
; Sequence 21, Application US/08632575B  
; Patent No. 5843660  
; GENERAL INFORMATION:  
; APPLICANT: Schumm, James W.  
; TITLE OF INVENTION: Multiplex Amplification of  
; TITLE OF INVENTION: Short Tandem Repeat Loci  
; NUMBER OF SEQUENCES: 61  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Promega Corporation  
; STREET: 2800 Woods Hollow Road  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: U.S.A.  
; ZIP: 53711-5399  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC

;; OPERATING SYSTEM: DOS, version 6.0  
;; SOFTWARE: WordPerfect 5.1 (DOS text format)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/632,575B  
;; FILING DATE: 04/15/96  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/316,544  
;; FILING DATE: 09/30/94  
;; INFORMATION FOR SEQ ID NO: 21:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 21  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
;; POSITION IN GENOME:  
;; MAP POSITION: D14S548  
US-08-632-575B-21  
  
Query Match 0.7%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 2107 AGCTTGTCTCTGTACCCAGG 2127  
|||||  
Db 21 AGTCTCACTCTGTGCCAGG 1  
  
RESULT 599  
US-09-157-177-80/c  
; Sequence 80, Application US/09157177  
; Patent No. 6090558  
; GENERAL INFORMATION:  
; APPLICANT: Butler, John M.  
; APPLICANT: Li, Jia  
; APPLICANT: Monforte, Joseph A.  
; APPLICANT: Becker, Christopher H.  
; TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA  
; TITLE OF INVENTION: REPEAT MARKERS  
; FILE REFERENCE: GETR:017/GETR017P  
; CURRENT APPLICATION NUMBER: US/09/157,177  
; CURRENT FILING DATE: 1998-09-18  
; EARLIER APPLICATION NUMBER: 60/059,415  
; EARLIER FILING DATE: 1997-09-19  
; NUMBER OF SEQ ID NOS: 135  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 80  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-157-177-80  
  
Query Match 0.7%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 5.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 2096 TTTTGAGCCGAGCTCTTGCTC 2116  
|||||  
Db 21 TTTTGAGATGCAGCTCTTGCTC 1  
  
RESULT 600  
US-09-199-542B-21/c  
; Sequence 21, Application US/09199542B  
; Patent No. 6479235  
; GENERAL INFORMATION:  
; APPLICANT: Schumm, James W.  
; APPLICANT: Sprecher, Cynthia J.  
; TITLE OF INVENTION: Multiplex Amplification of Short Tandem Repeat Loci  
; FILE REFERENCE: 16026/9212  
; CURRENT APPLICATION NUMBER: US/09/199,542B  
; CURRENT FILING DATE: 1998-11-25  
; PRIOR APPLICATION NUMBER: US 08/316,544

```
; PRIOR FILING DATE: 1994-09-30
; PRIOR APPLICATION NUMBER: US 08/632,575
; PRIOR FILING DATE: 1996-04-15
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: Word97 (converted to DOS text format)
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapien
; LOCATION: D14S548
US-09-199-542B-21

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGCTTGTCTGTTACCCAGG 2127
Db 21 AGTCTCACTCTGTTGCCAGG 1

RESULT 601
US-09-541-210-80/c
; Sequence 80, Application US/09541210
; Patent No. 6764822
; GENERAL INFORMATION:
; APPLICANT: Butler, John M.
; APPLICANT: Li, Jia
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
; FILE REFERENCE: GSTR:017/GSTR017P
; CURRENT APPLICATION NUMBER: US/09/541.210
; EARLIER FILING DATE: 2000-04-03
; EARLIER APPLICATION NUMBER: 60/059,415
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 80
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-541-210-80

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGTCTTGCTC 2116
Db 21 TTTTGAGATGCGTCTTGCTC 1

RESULT 602
US-09-347-114A-91/c
; Sequence 91, Application US/09347114A
; Patent No. 6297014
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rotter (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: P07 41878
; CURRENT APPLICATION NUMBER: US/09/347.114A
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 91
; LENGTH: 17
; TYPE: DNA

; ORGANISM: Homo sapiens
US-09-347-114A-91

Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
Db 16 GTTACCCAGGCTGGAG 1

RESULT 603
US-09-356-806-13
; Sequence 13, Application US/09356806
; Patent No. 6586175
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-356-806-13

Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTTA 2289
Db 2 GGGTTTCACCGTGTTA 17

RESULT 604
US-09-220-081-34
; Sequence 34, Application US/09220081
; Patent No. 6171833
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.0750000
; CURRENT APPLICATION NUMBER: US/09/220,081
; CURRENT FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-220-081-34

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 185 GTGGAATGATCCCGA 200
Db 185 GTGGAATGATCCCGA 200
```

```
Db      4 GTGGAATGATCCCCGA 19

RESULT 605
US-09-366-840-2
; Sequence 2, Application US/09366840
; Patent No. 6228345
; GENERAL INFORMATION:
; APPLICANT: Ossowski, Liliana
; TITLE OF INVENTION: In Vivo Assay for Intravasation
; FILE REFERENCE: A32590.70165.0550
; CURRENT APPLICATION NUMBER: US/09/366.840
; CURRENT FILING DATE: 1999-08-04
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-09-366-840-2

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 16; Mismatches 0; Indels 0; Gaps 0;

QY      2122 CCCAGGCTGGAGTGCA 2137
          |||||
Db      4 CCCAGGCTGGAGTGCA 19

RESULT 606
US-09-078-294-2/c
; Sequence 2, Application US/09078294
; Patent No. 6265211
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/078.294
; CURRENT FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-078-294-2

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.6e+02;
Matches 16; Mismatches 1; Indels 0; Gaps 0;

QY      2124 CAGGCTGGAGTGCAGTGG 2141
          |||||
Db      19 CAGGCTGCACTGCARTGG 2

RESULT 607
US-09-677-575-34
; Sequence 34, Application US/09677575
; Patent No. 6403351
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.0790000
; CURRENT APPLICATION NUMBER: US/09/677.575
; CURRENT FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 09/220,081

; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-677-575-34

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      185 GTGGAATGATCCCCGA 200
          |||||
Db      4 GTGGAATGATCCCCGA 19

RESULT 608
US-09-544-398B-222
; Sequence 222, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544.398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-222

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGG 2360
          |||||
Db      1 GTGCTGGGATTACAGG 16

RESULT 609
US-09-433-699-43/c
; Sequence 43, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433.699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Antisense Oligonucleotide  
US-09-433-699-43

Query Match 0.7%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1119 GATGAAGATGATGAGG 1134  
|||||  
DB 19 GATGAAGATGATGAGG 4

## RESULT 610

US-09-467-642-64/c  
Sequence 64, Application US/09467642  
Patent No. 6300132

## GENERAL INFORMATION:

APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
FILE REFERENCE: RTS-0106  
CURRENT APPLICATION NUMBER: US/09/467,642  
CURRENT FILING DATE: 1999-12-20  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 64  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-64

Query Match 0.7%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2126 GCCTGGAGTGCAGTGG 2141  
|||||  
DB 20 GCCTGGAGTGCAGTGG 5

## RESULT 611

US-09-157-177-74/c  
Sequence 74, Application US/09157177  
Patent No. 6090558

## GENERAL INFORMATION:

APPLICANT: Butler, John M.  
APPLICANT: Li, Jia  
APPLICANT: Monforte, Joseph A.  
APPLICANT: Becker, Christopher H.  
TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA  
TITLE OF INVENTION: REPEAT MARKERS  
FILE REFERENCE: GETR:017/GETR017P  
CURRENT APPLICATION NUMBER: US/09/157,177  
CURRENT FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 60/059,415  
EARLIER FILING DATE: 1997-09-19  
NUMBER OF SEQ ID NOS: 135  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 74  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-157-177-74

Query Match 0.7%; Score 15.6; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCCTGCTCTGTATACC 2124  
|||||  
DB 19 GAGTCCTGCTCTGTATACC 1

## RESULT 612

US-08-757-223-11/c  
Sequence 11, Application US/08757223  
Patent No. 6136530

## GENERAL INFORMATION:

APPLICANT: Poduslo, Shirley E.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ASSESSING RISK  
TITLE OF INVENTION: FACTORS IN ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Locke Purnell Rain Harrell  
STREET: 2200 Ross Avenue, Suite 2200  
CITY: Dallas  
STATE: Texas  
ZIP: 75201-6776

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/757,223  
FILING DATE: No. 6136530ember 27, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mayfield, Denise L.  
REFERENCE/DOCKET NUMBER: 4-003US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 214/740-8785  
TELEFAX: 214/740-8800  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-757-223-11

Query Match 0.7%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGG 2360

DB 19 AAAGTCTGGGATTACAGG 1

## RESULT 613

US-09-047-347-44/c  
Sequence 44, Application US/09047347  
Patent No. 6150100

## GENERAL INFORMATION:

APPLICANT: RUSCHOFF, Josef  
APPLICANT: DIETMAIER, Wolfgang  
APPLICANT: FISHEL, Richard  
TITLE OF INVENTION: METHOD FOR THE DETECTION OF MICROSATELLITE  
TITLE OF INVENTION: INSTABILITY FOR TUMOR DIAGNOSTICS  
NUMBER OF SEQUENCES: 50  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP  
STREET: 655 Fifteenth Street N.W. Suite 330  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-5701  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/047,347



```
/ FILING DATE: 25-MAR-1998
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: DE 197 12 332.5
/ FILING DATE: 25-MAR-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wong, King L.
/ REGISTRATION NUMBER: 37,500
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202)638-5000
/ TELEFAX: (202)638-4810
/ INFORMATION FOR SEQ ID NO: 44:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
US-09-047-347-44

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2233 CCACCACCTGGCTAATT 2251
Db 19 CCACCACCTGGCTAATT 1

RESULT 614
US-09-060-299-242/c
; Sequence 242, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091

US-09-047-347-44

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2234 CACCACCTGGCTAATT 2252
Db 19 CACCATGCTGGCTAATT 1

RESULT 615
US-09-402-923A-242/c
; Sequence 242, Application US/09402923A
; Patent No. 6555654
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6555654el LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 242:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 242:
US-09-402-923A-242
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Query Match 0.7%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2234 CACCACACCTGGCTAAATTT 2252  
DB 19 CACCATGCTGGCTAAATTT 1

RESULT 616  
US-09-541-210-74/c  
; Sequence 74, Application US/09541210  
; Patent No. 6764822  
; GENERAL INFORMATION:  
; APPLICANT: Butler, John M.  
; APPLICANT: Li, Jia  
; APPLICANT: Monforte, Joseph A.  
; APPLICANT: Becker, Christopher H.  
; TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA  
; FILE REFERENCE: GSTR:0177GETH017P  
; CURRENT APPLICATION NUMBER: US/09/541.210  
; CURRENT FILING DATE: 2000-04-03  
; EARLIER APPLICATION NUMBER: 60/059.415  
; EARLIER FILING DATE: 1997-09-19  
; NUMBER OF SEQ ID NOS: 135  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 74  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-541-210-74

Query Match 0.7%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCTGCTGCTGTACCC 2124  
DB 19 GAGTCTGCTGCTGTGCCC 1

RESULT 617  
US-09-696-791-3179/c  
; Sequence 3179, Application US/09696791  
; Patent No. 6770633  
; GENERAL INFORMATION:  
; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696.791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3179  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cyclin A1 ribozyme binding site  
US-09-696-791-3179

Query Match 0.7%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 GATGAGGTATATCAAGTTA 1146  
DB 19 GATGGGGTATATCAAGTTA 1

RESULT 618  
US-09-696-791-3630  
; Sequence 3630, Application US/09696791  
; Patent No. 6770633  
; GENERAL INFORMATION:  
; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696.791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3630  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cdc25 hs ribozyme binding site  
US-09-696-791-3630

Query Match 0.7%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 AGAAGAAATTCAGATGAA 833  
DB 1 AGAAGAGATTTCAGATGAA 19

RESULT 619  
US-09-696-791-3631  
; Sequence 3631, Application US/09696791  
; Patent No. 6770633  
; GENERAL INFORMATION:  
; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696.791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3631  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cdc25 hs ribozyme binding site  
US-09-696-791-3631

Query Match 0.7%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 816 GAAGAAATTCAGATGAAT 834  
DB 1 GAAGAGATTTCAGATGAAT 19

RESULT 620  
US-09-696-791-3632  
; Sequence 3632, Application US/09696791  
; Patent No. 6770633  
; GENERAL INFORMATION:  
; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696.791

; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3632  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cdc25 hs ribozyme binding site  
US-09-696-791-3632

Query Match 0.7%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 817 AAGAAAATTCAGATGAATT 835  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 AAGAGATTCAGATGAATT 19

RESULT 621  
US-08-290-936-11  
; Sequence 11, Application US/08290936  
; Patent No. 5656743  
; GENERAL INFORMATION:  
; APPLICANT: Busch et al.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION  
; TITLE OF INVENTION: OF CELL GROWTH  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5656743ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/290,936  
; FILING DATE: No. 5656743ember 18, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/00754  
; FILING DATE: January 27, 1993  
; APPLICATION NUMBER: 07/841,660  
; FILING DATE: February 19, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: John W. Caldwell and Rebecca L. Ralph  
; REGISTRATION NUMBER: 28,937 and 35,152  
; REFERENCE/DOCKET NUMBER: BAY-0032  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
US-08-290-936-11

Query Match 0.7%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2232 GCCACCACCTGGCTAAT 2250  
| | | | | | | | | | | | | | | | | | | | | |

Db 2 GCCACCACCCGGCTGAT 20

RESULT 622  
US-09-289-267-164  
; Sequence 164, Application US/09289267A  
; Patent No. 6046320  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION  
; FILE REFERENCE: RIS-0049  
; CURRENT APPLICATION NUMBER: US/09/289,267A  
; CURRENT FILING DATE: 1999-04-04  
; NUMBER OF SEQ ID NOS: 166  
; SEQ ID NO 164  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-267-164

Query Match 0.7%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2127 GCTGGAGTGCAGTGGCTGA 2145  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 GCTGGAGTGCAGTGGCTCA 19

RESULT 623  
US-09-018-584A-120/C  
; Sequence 120, Application US/09018584A  
; Patent No. 6238863  
; GENERAL INFORMATION:  
; APPLICANT: Schumm, James W.  
; APPLICANT: Bachet, Jeffery W.

; TITLE OF INVENTION: MATERIALS AND METHODS FOR  
; TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
; TITLE OF INVENTION: REPEAT DNA MARKERS  
; NUMBER OF SEQUENCES: 147  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Promega Corporation  
; STREET: 2800 Woods Hollow Road  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: U.S.A.  
; ZIP: 53711-5399

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
; COMPUTER: IBM compatible PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97 (DOS text format)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/018,584A  
; FILING DATE: 04-Feb-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Grady J. Frenchick  
; REGISTRATION NUMBER: 29,018  
; REFERENCE/DOCKET NUMBER: 16026.9180  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 257-3501  
; TELEFAX: (608) 257-2275  
; INFORMATION FOR SEQ ID NO: 120:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
US-09-018-584A-120

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Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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RESULT 624  
US-09-467-642-63/c  
; Sequence 63, Application US/09457642  
; Patent No. 6300132  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRESSION

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

Qy	2106	GAGTCCTGCTCTCTTACCC	2124
Db	19	GAGTCCTGCTCTCTCACCC	1

RESULT 625  
US-09-844-634-96

```

; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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Matches	17;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
QY	2343	AAGTGTGGATTACAGGC	2361						
Db	2	AAGTACTGAGATTACAGGC	20						
RESULT 626									
US-09-690-364-48/C									

```
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-75

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2270 GACAGGTTTCCACCGTGT 2288
      |||||||
Db 1 GATAGGTTTCCACCATGTT 19

RESULT 629
US-09-657-346A-52
; Sequence 52, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-52

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGAGAC 2272
      |||||
Db 1 TTGTATTTTAAGTAGAGAC 19

RESULT 630
US-09-060-299-296
; Sequence 296, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-296

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTGCC 2169
      |||||||
Db 1 GTTCACTGCAAGCTCTGCC 19

RESULT 631
US-09-402-923A-296
; Sequence 296, Application US/09402923A
; Patent No. 6555654
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6555654el LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
```

```
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-09-402-923A-296

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2151 GCTCACTCCAGCTCTGCC 2169
Db      1 GTTCACTGCAACCTCTGCC 19

RESULT 632
US-09-679-299A-69
; Sequence 69, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-69

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2348 CTGGGATTACAGGCATGAG 2366
Db      1 CTGGGATTACAGGCTGTGAG 19

RESULT 633
US-09-679-299A-73
; Sequence 73, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA

; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-09-402-923A-296

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2151 GCTCACTCCAGCTCTGCC 2169
Db      1 GTTCACTGCAACCTCTGCC 19

RESULT 632
US-09-679-299A-69
; Sequence 69, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-69

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2348 CTGGGATTACAGGCATGAG 2366
Db      1 CTGGGATTACAGGCTGTGAG 19

RESULT 633
US-09-679-299A-73
; Sequence 73, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-73

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCCTGACC 2315
Db      2 TGGTCTCGAATCTCCGACC 20

RESULT 634
US-08-468-719A-40
; Sequence 40, Application US/08468719A
; Patent No. 6710163
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf H.
; TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS
; FILE REFERENCE: ISPS-1999
; CURRENT APPLICATION NUMBER: US/08/468,719A
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-08-468-719A-40

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2040 CTGGTTTTTTTTTTCTTA 2058
Db      1 CTAGGTTTTTTTTTCTCA 19

RESULT 635
US-09-784-423-120/C
; Sequence 120, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
```

;/ FILING DATE: 15-Feb-2001  
;/ CLASSIFICATION: <Unknown>  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 09/018,584  
;/ FILING DATE: 04-Feb-1998  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Grady J. Frenchick  
;/ REGISTRATION NUMBER: 29,018  
;/ REFERENCE/DOCKET NUMBER: 16026.9180  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (608) 257-3501  
;/ TELEFAX: (608) 257-2275  
;/ INFORMATION FOR SEQ ID NO: 120  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 20  
;/ TYPE: Nucleic Acid  
;/ STRANDEDNESS: Single  
;/ TOPOLOGY: Linear  
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 120  
;/  
;/ US-09-784-423-120  
;/  
Query Match 0.7%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2099 TGAGACCGAGTCTTGCTCT 2117  
Db 19 TGAGACGGGCTTGCTCT 1  
;/  
RESULT 636  
US-08-332-766A-68/c  
; Sequence 68, Application US/08332766A  
; Patent No. 5843647  
; GENERAL INFORMATION:  
; APPLICANT: JEFFREYS, Alec J.  
; APPLICANT: ARMOUR, John  
; TITLE OF INVENTION: SIMPLE TANDEM REPEATS  
; NUMBER OF SEQUENCES: 125  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CUSHMAN DABRY & CUSHMAN, L.L.P.  
; STREET: 1100 New York Avenue, N.W.  
; CITY: Washington  
; STATE: D. C.  
; COUNTRY: U.S.A.  
; ZIP: 20005-3918  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/332,766A  
; FILING DATE: 01-NOV-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9326052.9  
; FILING DATE: 21-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BIRD, Donald J.  
; REGISTRATION NUMBER: 25,323  
; REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB  
; TELEPHONE: (202) 861-3000  
; TELEFAX: (202) 822-0944  
; TELEX: 6714627 CUSH  
; INFORMATION FOR SEQ ID NO: 68:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)

US-08-332-766A-68  
Query Match 0.7%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2101 AGACCGAGTCTTGCTCTGT 2119  
Db 20 AGACAGAGTCTGCTCTGT 2  
;/  
RESULT 637  
US-09-357-740-7  
; Sequence 7, Application US/09357740  
; Patent No. 6348596  
; GENERAL INFORMATION:  
; APPLICANT: Lee, Linda G.  
; APPLICANT: Graham, Ronald J.  
; APPLICANT: Mullah, Khairuzzaman B.  
; APPLICANT: Haxo, Francis T.  
; TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS  
; FILE REFERENCE: 9584-007  
; CURRENT APPLICATION NUMBER: US/09/357,740  
; CURRENT FILING DATE: 1999-07-20  
; EARLIER APPLICATION NUMBER: 09/012,525  
; EARLIER FILING DATE: 1998-01-23  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 7  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Probe  
;/  
US-09-357-740-7  
Query Match 0.7%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2187 ATTCTCTGCTCAGCTC 2205  
Db 3 ATCCACCTGCTCAGCTC 21  
;/  
RESULT 638  
US-08-649-950-61/c  
; Sequence 61, Application US/08649950  
; Patent No. 6403303  
; GENERAL INFORMATION:  
; APPLICANT: Shipman, Robert  
; APPLICANT: Leushner, James  
; APPLICANT: Dunn, James M.  
; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR  
; TITLE OF INVENTION: MUTATIONS IN THE BRCA1 GENE  
; NUMBER OF SEQUENCES: 77  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Oppedahl & Larson  
; STREET: 1992 Commerce Street Suite 309  
; CITY: Yorktown  
; STATE: NY  
; COUNTRY: US  
; ZIP: 10598  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS DOS  
; SOFTWARE: Word Perfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/649,950  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

```
/
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Larson, Marina T.
/ REGISTRATION NUMBER: 32,038
/ REFERENCE/DOCKET NUMBER: VGEN.P-028-US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (914) 245-3252
/ TELEFAX: (914) 962-4330
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ HYPOTHETICAL: no
/ ANTI-SENSE: no
/ FRAGMENT TYPE: internal
/ ORIGINAL SOURCE:
/ ORGANISM: human
/ FEATURE:
/ OTHER INFORMATION: amplification primer for BRCA1 gene
/
US-08-649-950-61

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1701 TGTGCAAGAGCTAAAGA 1719
|||||
Db 20 TGTCTAAGAGCTAAAGA 2

RESULT 639
US-09-422-978-10751/c
/ Sequence 10751, Application US/09422978
/ Patent No. 6337751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10751
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-19601 for SEQ 2886, in complete
/
US-09-422-978-10751

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1309 ATAAAGGCAAGATAAGG 1327
|||||
Db 19 ATAAAGGCAAGATAAGG 1

RESULT 639
US-09-422-978-10751/c
/ Sequence 10751, Application US/09422978
/ Patent No. 6337751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10751
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-19601 for SEQ 2886, in complete
/
US-09-422-978-10751

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1309 ATAAAGGCAAGATAAGG 1327
|||||
Db 19 ATAAAGGCAAGATAAGG 1
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RESULT 640
US-09-422-978-11288/c
/ Sequence 11288, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11288
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-3944 for SEQ 3423, in complete
/
US-09-422-978-11288

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1037 AGATCAGTTTAGTGAGAA 1055
|||||
Db 19 AGATCAGTTGAGGGTAGAA 1

RESULT 641
US-09-358-972-252/c
/ Sequence 252, Application US/09358972
/ Patent No. 6235480
/ GENERAL INFORMATION:
/ APPLICANT: Shultz, John W.
/ APPLICANT: Lewis, Martin K.
/ APPLICANT: Lieppe, Donna
/ APPLICANT: Mandrekar, Michelle
/ APPLICANT: Kephart, Daniel
/ APPLICANT: Rhodes, Richard B.
/ APPLICANT: Andrews, Christine A.
/ APPLICANT: Hartnett, James R.
/ APPLICANT: Gu, Trent
/ APPLICANT: Olson, Ryan J.
/ APPLICANT: Wood, Keith W.
/ APPLICANT: Welch, Roy
/ TITLE OF INVENTION: Nucleic Acid Detection
/ FILE REFERENCE: Pro-103 6868/75528
/ CURRENT APPLICATION NUMBER: US/09/358,972
/ EARLIER FILING DATE: 1999-07-22
/ EARLIER APPLICATION NUMBER: 09/252,436
/ EARLIER FILING DATE: 1999-02-18
/ EARLIER APPLICATION NUMBER: 09/042,287
/ EARLIER FILING DATE: 1998-03-13
/ SOFTWARE: PatentIn Ver. 2.0
/ NUMBER OF SEQ ID NOS: 290
/ SEQ ID NO 252
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
/
US-09-358-972-252
```



Query Match 0.6%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 6.3e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2112 TGCTCTGTATCCAGGC 2128  
 Db 17 TGCTCTGTATCCAGGC 1

## RESULT 642

US-09-383-316-88/c  
 ; Sequence 88, Application US/09383316

; Patent No. 6391551

; GENERAL INFORMATION:

; APPLICANT: Shultz, John W

; APPLICANT: Lewis, Martin K.

; APPLICANT: Lieppe, Donna

; APPLICANT: Mandrekar, Daniel

; APPLICANT: Kephart, Richard B.

; APPLICANT: Rhodes, Richard B.

; APPLICANT: Andrews, Christine A.

; APPLICANT: Hartnett, James R.

; APPLICANT: Gu, Trent

; APPLICANT: Olson, Ryan J.

; APPLICANT: Wood, Keith W.

; APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection

; FILE REFERENCE: PRO-104 6868/75529

; CURRENT APPLICATION NUMBER: US/09/383,316

; CURRENT FILING DATE: 1999-08-25

; PRIOR APPLICATION NUMBER: 09/252,436

; PRIOR FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: 09/042,287

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 09/358,972

; PRIOR FILING DATE: 1999-07-21

; NUMBER OF SEQ ID NOS: 123

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 88

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2

; OTHER INFORMATION: human gene

US-09-383-316-88

Query Match 0.6%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 6.3e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2112 TGCTCTGTATCCAGGC 2128  
 Db 17 TGCTCTGTATCCAGGC 1

## RESULT 643

US-09-866-108A-7368

; Sequence 7368, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866.108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 7368  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-7368

Query Match 0.6%; Score 15.4; DB 1; Length 17;  
 Best Local Similarity 94.1%; Pred. No. 6.3e+02;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 818 AGAAATTCAGTGAAT 834  
 Db 1 AGAAATTCAGTGAAT 17

## RESULT 644

US-09-790-417-252/c

; Sequence 252, Application US/09790417

; Patent No. 6730479

; GENERAL INFORMATION:

; APPLICANT: Shultz, John W

; APPLICANT: Lewis, Martin K.

; APPLICANT: Lieppe, Donna

; APPLICANT: Mandrekar, Daniel

; APPLICANT: Kephart, Daniel

; APPLICANT: Rhodes, Richard B.

; APPLICANT: Andrews, Christine A.

; APPLICANT: Hartnett, James R.

; APPLICANT: Gu, Trent

; APPLICANT: Olson, Ryan J.

; APPLICANT: Wood, Keith W.

; APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection

; FILE REFERENCE: Pro-103 6868/75528

; CURRENT APPLICATION NUMBER: US/09/790,417

; CURRENT FILING DATE: 2001-02-22

; PRIOR APPLICATION NUMBER: 09/358,972

; PRIOR FILING DATE: 1999-07-21

; PRIOR APPLICATION NUMBER: 09/042,287

; PRIOR FILING DATE: 1998-03-13

; NUMBER OF SEQ ID NOS: 290

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 252

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2

; OTHER INFORMATION: human gene

US-09-790-417-252

Query Match 0.6%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2112 TGCTCTGTATACAGGC 2128  
Db 17 TGCTCTGTACCCAGGC 1

RESULT 645

US-09-544-398B-438  
; Sequence 438, Application US/09544398B  
; Patent No. 6770461  
; GENERAL INFORMATION:  
; APPLICANT: Carulli, John P.  
; APPLICANT: Little, Randall D.  
; APPLICANT: Recker, Robert R.  
; APPLICANT: Johnson, Mark L.  
; TITLE OF INVENTION: High bone mass gene of 11ql3.3  
; FILE REFERENCE: 032796-013  
; CURRENT APPLICATION NUMBER: US/09/544.398B  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: US 09/229,319  
; PRIOR FILING DATE: 1999-01-13  
; PRIOR APPLICATION NUMBER: US 60/071,449  
; PRIOR FILING DATE: 1998-01-13  
; PRIOR APPLICATION NUMBER: US 60/105,511  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 641  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 438  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-09-544-398B-438

Query Match 0.6%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGC 2361  
Db 1 GTACTGGGATTACAGGC 17

RESULT 646

US-09-696-791-1321  
; Sequence 1321, Application US/09696791  
; Patent No. 6770633  
; GENERAL INFORMATION:  
; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696.791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1321  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cdk-we-hu ribozyme binding site

Query Match 0.6%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1363 CACAAGCTGAAGAGGC 1379  
Db 3 CACAAGTTGAAGAGGC 19

RESULT 647

US-09-696-791-1869/c  
; Sequence 1869, Application US/09696791  
; Patent No. 6770633  
; GENERAL INFORMATION:  
; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696.791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1869  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cyclin D1 ribozyme binding site

Query Match 0.6%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1216 ATTGGAATGCACCTCA 1232  
Db 19 ATTGGAATGCACTCA 3

RESULT 648

US-09-696-791-2143  
; Sequence 2143, Application US/09696791  
; Patent No. 6770633  
; GENERAL INFORMATION:  
; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696.791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2143  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cyclin E ribozyme binding site

Query Match 0.6%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1519 TTATTATTAGCAGCCAA 1535  
Db 2 TTATTATTAGCAGCCAA 18

RESULT 649

US-08-564-002-25  
; Sequence 25, Application US/08564002  
; Patent No. 5714329  
; GENERAL INFORMATION:  
; APPLICANT: Dracopoli, Nicolas

```

; APPLICANT: Tucker, Margaret
; APPLICANT: Goldstein, Alissa
; TITLE OF INVENTION: Methods for the Diagnosis of a Genetic
; TITLE OF INVENTION: Predisposition to Cancer Associated with Variant CDK4
; TITLE OF INVENTION: Allele
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/564,002
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J.
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: A-62562
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 25:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
;
US-08-564-002-25

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTGCTGGGATT 2355
Db 1 CCCAAAGTGCTGGGATT 17

RESULT 650
US-09-091-952A-152/c
; Sequence 152, Application US/09091952A
; Patent No. 6458532
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; Gershon, Elliot S.
; Badner, Judith A.
; Goldin, Lynn R.
; Berrettini, Wade H.
; Yoshikawa, Takeo
; Sanders, Alan R.
; Esterling, Lisa B.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette

```

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/091,952A
; FILING DATE: 19-Apr-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-OCT-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 152:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY:
; LOCATION: 1...20
; OTHER INFORMATION: Clone 23 forward primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 152:
;
US-09-091-952A-152

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1904 CTTCTCTTTAGTATAAT 1920
Db 20 CTTCTCTTTAGTATGAT 4

RESULT 651
US-09-920-759-87
; Sequence 87, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-920-759-87

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAA 2161
Db 3 ATCTGGCTCACTACAA 19

RESULT 652

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/696,793A
; FILING DATE: 19910507
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kevin R. Kaster
; REGISTRATION NUMBER: 32704
; REFERENCE/DOCKET NUMBER: 2598
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 420-3444
; TELEFAX: (415) 658-5239
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-07-696-793A-34

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 159 GAGCGCCAGTCGCTGGCC 178
Db 20 GAGTGGCCAGTCGCTGTCC 1

RESULT 655
US-07-694-34/c
; Sequence 34, Application US/07977694
; Patent No. 5273883
; GENERAL INFORMATION:
; APPLICANT: Saiki, Randall K.
; APPLICANT: Nasarabadi, Shanavaz L.
; TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESS: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110-1199
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,694
; FILING DATE: 19921117
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stacey R. Sias, Ph.D.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8733
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977

```

```
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-07-977-694-34
```

```
Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 159 GAGCGCCAGTGCCTTGCC 178
Db 20 GAGTGGCCAGTGCCTTGCT 1
```

## RESULT 656

```
US-07-922-723A-35/c
; Sequence 35, Application US/07922723A
; Patent No. 5369004
; GENERAL INFORMATION:
```

```
; APPLICANT: Drs. Mihael H. Polymeropoulos
; APPLICANT: and Carl R. Merrill
; TITLE OF INVENTION: FIVE HIGHLY INFORMATIVE
; TELECOMMUNICATION INFORMATION: REPEAT POLYMORPHIC DNA MARKERS
; NUMBER OF SEQUENCES: 73
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/922,723A
```

```
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34506
; REFERENCE/DOCKET NUMBER: 717081B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 35:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-922-723A-35
```

```
Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2096 TTTTGAGACCGAGCTTGCT 2115
Db 20 TCTTGAGACAGGCTTGCT 1
```

## RESULT 657

```
US-07-799-828C-35/c
; Sequence 35, Application US/07799828C
; Patent No. 5378602
; GENERAL INFORMATION:
```

```
; APPLICANT: Drs. Carl R. Merrill and
; APPLICANT: Mihael H. Polymeropoulos
; TITLE OF INVENTION: TWENTY SEVEN HIGHLY INFORMATIVE
; TELECOMMUNICATION INFORMATION: REPEAT POLYMORPHIC DNA MARKERS
; NUMBER OF SEQUENCES: 63
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,828C
; FILING DATE: 19911127
; CLASSIFICATION: 435
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34,506
; REFERENCE/DOCKET NUMBER: 717081A
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-799-828C-35
```

```
Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2096 TTTTGAGACCGAGCTTGCT 2115
Db 20 TCTTGAGACAGGCTTGCT 1
```

## RESULT 658

```
US-07-952-277A-35/c
; Sequence 35, Application US/07952277A
; Patent No. 5861504
; GENERAL INFORMATION:
```

```
; APPLICANT: Drs. Mihael H. Polymeropoulos
; APPLICANT: and Carl R. Merrill
; TITLE OF INVENTION: ELEVEN HIGHLY INFORMATIVE
; TELECOMMUNICATION INFORMATION: REPEAT POLYMORPHIC DNA MARKERS
; NUMBER OF SEQUENCES: 85
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/952,277A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34506
; REFERENCE/DOCKET NUMBER: 717081C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-952-277A-35

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGTCTTGCT 2115
Db 20 TCTTGAGACAGGTCTTGCT 1

RESULT 659
US-09-104-497-3
; Sequence 3, Application US/09104497
; Patent No. 6028245
; GENERAL INFORMATION:
; APPLICANT: WASLYLK, Bohdan
; APPLICANT: TOCOQUE, Bruno
; APPLICANT: ALKHALAF, Mousa
; TITLE OF INVENTION: TRANSGENIC ANIMALS OVEREXPRESSION MDM2
; FILE REFERENCE: A2716A-US
; CURRENT APPLICATION NUMBER: US/09/104,497
; CURRENT FILING DATE: 1998-06-25
; EARLIER APPLICATION NUMBER: 60/051,739
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-104-497-3

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1177 ATTCTTTGAAGAGATCCT 1196
Db 1 ACTCTTTGAAGGAGATCCT 20

RESULT 660
US-09-104-497-4/c
; Sequence 4, Application US/09104497
; Patent No. 6028245
; GENERAL INFORMATION:
; APPLICANT: WASLYLK, Bohdan
; APPLICANT: TOCOQUE, Bruno
; APPLICANT: ALKHALAF, Mousa
; TITLE OF INVENTION: TRANSGENIC ANIMALS OVEREXPRESSION MDM2
; FILE REFERENCE: A2716A-US
; CURRENT APPLICATION NUMBER: US/09/104,497
; CURRENT FILING DATE: 1998-06-25
; EARLIER APPLICATION NUMBER: 60/051,739
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Mus musculus
US-09-104-497-4

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1377 GGCTTTGATGTTCTGATTC 1396
Db 20 GGCTTGATGTGCCTGATGG 1

RESULT 661
US-09-289-267-162/c
; Sequence 162, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-162

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCAGGCTGAGT 2134
Db 20 TCTGTCTCCAGGCTGAAGT 1

RESULT 662
US-09-289-267-165
; Sequence 165, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-165

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTACCCAGGCTG 2130
Db 1 TCGCGCTGTCACCCAGGCTG 20

RESULT 663
US-09-429-323-4
; Sequence 4, Application US/09429323A
```

```
; Patent No. 6140126
; Patent No. 6140126 6140123
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0092
; CURRENT APPLICATION NUMBER: US/09/429,323A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-429-323-4

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      296 GGTGAGGAGCAGCAAAATGT 315
Db      1 GGTGAGGAGCAGCAAAATGT 20

RESULT 664
US-09-488-671-109
; Sequence 109, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-109

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2092 TTTTCTTTGAGACCGAGTCT 2111
Db      1 TTTCTTTTGAGACCAAGTGT 20

RESULT 665
US-09-488-856A-71/c
; Sequence 71, Application US/09488856A
; Patent No. 6316259
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP
; FILE REFERENCE: RTS-0115
; CURRENT APPLICATION NUMBER: US/09/488,856A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 71
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-71

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2146 TCTTGCTCACTGCAAGCTC 2165
Db      20 TCTCGGGTCACTGCAACCTC 1

RESULT 666
US-09-357-740-8
; Sequence 8, Application US/09357740
; Patent No. 6348596
; GENERAL INFORMATION:
; APPLICANT: Lee, Linda G.
; APPLICANT: Graham, Ronald J.
; APPLICANT: Mullah, Khalruzzaman B.
; APPLICANT: Haxo, Francis T.
; TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
; FILE REFERENCE: 9584-007
; CURRENT APPLICATION NUMBER: US/09/357,740
; CURRENT FILING DATE: 1999-07-20
; EARLIER APPLICATION NUMBER: 09/012,525
; EARLIER FILING DATE: 1998-01-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-357-740-8

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2319 TGATCGCCCACTCGGCCT 2338
Db      1 TGATCCACCCGCTCAGCCT 20

RESULT 667
US-09-798-096-16
; Sequence 16, Application US/09798096
; Patent No. 6399378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-16

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 2349 TGGGATTACAGCGCATGAGCC 2368  
| | | | | | | | | | | | | | | |  
Db 1 TAGGATTACAGGTGTGAGCC 20

RESULT 668  
US-09-137-223A-14  
; Sequence 14, Application US/09137223A  
; Patent No. 6420525  
; GENERAL INFORMATION:  
; APPLICANT: Yee, David P  
; APPLICANT: Deisher, Theresa A  
; TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR  
; TITLE OF INVENTION: ZGCL-1  
; FILE REFERENCE: 97-18  
; CURRENT APPLICATION NUMBER: US/09/137.223A  
; CURRENT FILING DATE: 1998-08-19  
; PRIOR APPLICATION NUMBER: 06/056,130  
; PRIOR FILING DATE: 1997-08-19  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 14  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide ZC14284  
US-09-137-223A-14

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2140 GGGTGATCTGGGCTCACTGC 2159  
| | | | | | | | | | | | | | | |  
Db 1 GTGCGATCTGGGCTCACTGC 20

RESULT 669  
US-09-725-265-42/c  
; Sequence 42, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; TITLE OF INVENTION: THE METHOD  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725.265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-42

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2048 TTTTCTTCTTAATATGTAT 2067  
| | | | | | | | | | | | | | | |  
Db 20 TTTTCTTCTTATATATAT 1

RESULT 670  
US-09-733-294A-79/c  
; Sequence 79, Application US/09733294A  
; Patent No. 6492171  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: William Gaarde  
; APPLICANT: Susan M. Freier  
; APPLICANT: Edward V. Wanciewicz  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
; FILE REFERENCE: ISPH-0527  
; CURRENT APPLICATION NUMBER: US/09/733,294A  
; CURRENT FILING DATE: 2000-12-07  
; PRIOR APPLICATION NUMBER: 09/572,423  
; PRIOR FILING DATE: 2000-05-16  
; NUMBER OF SEQ ID NOS: 108  
; SEQ ID NO 79  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-733-294A-79

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2106 GAGCTTGTCTGTTACCCA 2125  
| | | | | | | | | | | | | | | |  
Db 20 GAGCTTGTCTGTCGCCCA 1

RESULT 671  
US-09-657-346A-32  
; Sequence 32, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RIS-0135  
; CURRENT APPLICATION NUMBER: US/09/657,346A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 32  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-32

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2275 GGTTCACCGTGTAGCCAG 2294  
| | | | | | | | | | | | | | | |  
Db 1 GGTTCACCATGTTGTGTCAG 20

RESULT 672  
US-09-657-346A-33  
; Sequence 33, Application US/09657346A



```
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-33

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2146 TCTTGGCTCACTGCAAGCTC 2165
Db      1 TCTCGGCTCACTACAACCTC 20

RESULT 673
US-09-657-346A-49
; Sequence 49, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-49

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2342 AAAGTCTGGGATTACAGGC 2361
Db      1 AAGTAGCTGGGATTACAGGC 20

RESULT 674
US-09-657-346A-66
; Sequence 66, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-66

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2285 TGTAGCCAGGATGGTCTCG 2304
Db      1 TGTGCCAGGGTGGTCTCG 20

RESULT 675
US-09-060-299-78
; Sequence 78, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-78

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2293 AGGATGGTCTCGATCTCTCG 2312
Db      1 AGGATGGTCTCGATCTCTCG 20
```

Db 1 AGGCTGGTCTCAAACTCCTG 20

## RESULT 676

US-09-060-299-240/c  
; Sequence 240, Application US/09060299  
; Patent No. 6545137

## GENERAL INFORMATION:

APPLICANT: Todd, John A  
APPLICANT: Hess, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshihiko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 6545137el Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 240:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-240

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2103 ACCGAGTCTGCTGTTAC 2122

Db 20 ACAGGGTCTGCTGTTC 1

## RESULT 677

US-09-402-923A-78  
; Sequence 78, Application US/09402923A  
; Patent No. 6555854

## GENERAL INFORMATION:

APPLICANT: Todd, John A  
APPLICANT: Hess, John W  
APPLICANT: Caskey, Charles T

Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 6555654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 78:  
US-09-402-923A-78

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2293 AGGATGGTCTCGATCTCCTG 2312

Db 1 AGGCTGGTCTCAAACTCCTG 20

## RESULT 678

US-09-402-923A-240/c  
; Sequence 240, Application US/09402923A  
; Patent No. 6555654

## GENERAL INFORMATION:

APPLICANT: Todd, John A  
APPLICANT: Hess, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshihiko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 6555654el LDL-Receptor  
NUMBER OF SEQUENCES: 455

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Nixon and Vanderhye  
;; STREET: 1100 No. 655654th Glebe Road, Eighth Floor  
;; CITY: Arlington  
;; STATE: Virginia  
;; COUNTRY: US  
;; ZIP: VA 22201-4714  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/402,923A  
;; FILING DATE: 14-Feb-2001  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/GB98/01102  
;; FILING DATE: 15-APR-1998  
;; APPLICATION NUMBER: US 60/043,553  
;; FILING DATE: 15-APR-1997  
;; APPLICATION NUMBER: US 60/048,740  
;; FILING DATE: 05-JUN-1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: B.J.Sadoff  
;; REGISTRATION NUMBER: 36,663  
;; REFERENCE/DOCKET NUMBER: 620-81  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (703)816-4091  
;; TELEFAX: (703)816-4100  
;;  
;; INFORMATION FOR SEQ ID NO: 240:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 240:  
US-09-402-923A-240

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2103 ACCGAGTCTGCTCTGTTC 2122  
||| ||||| ||||| |||||  
Db 20 ACAGGGTCTGCTCTGTTC 1

RESULT 679  
US-09-967-669-58/c  
; Sequence 58, Application US/09967669  
; Patent No. 6692960  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION  
; FILE REFERENCE: RTS-0259  
; CURRENT APPLICATION NUMBER: US/09/967,669  
; CURRENT FILING DATE: 2001-09-28  
; NUMBER OF SEQ ID NOS: 90  
; SEQ ID NO 58  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-967-669-58  
  
Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 2116 CTGTTACCCAGGCTGGAGTG 2135  
||| ||||| ||||| |||||

Db 20 CTTTGGCCAGTCTGGAGTG 1

RESULT 680  
US-09-556-127-42/c  
; Sequence 42, Application US/09556127  
; Patent No. 6699661  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA  
; TITLE OF INVENTION: THE METHOD  
; FILE REFERENCE: 0163-0758-0X  
; CURRENT APPLICATION NUMBER: US/09/556,127  
; CURRENT FILING DATE: 2002-06-17  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-556-127-42

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2048 TTTTCTTAAATATGTAT 2067  
||||| ||||| ||||| |||||  
Db 20 TTTTCTTAAATATATAT 1

RESULT 681  
US-09-953-318-98  
; Sequence 98, Application US/09953318  
; Patent No. 6710174  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEP  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RTS-0232  
; CURRENT APPLICATION NUMBER: US/09/953,318  
; CURRENT FILING DATE: 2001-09-13  
; NUMBER OF SEQ ID NOS: 154  
; SEQ ID NO 98  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-318-98

Query Match 0.6%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 6.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2234 CACCACCTGGCTAATTTT 2253  
||||| ||||| ||||| |||||  
Db 1 CACCATGCCGGCTAATTTT 20

RESULT 682

```
5194428-11/c
; Patent No. 5194428
; APPLICANT: AGRAWAL, SUDHIR-LEITER, JOSEF M.E.; PALESE, PETER
; ZAMECNIK, PAUL C.
; TITLE OF INVENTION: INHIBITION OF INFLUENZA VIRUS
; REPLICATION BY OLIGONUCLEOTIDE PHOSPHOROTHOATES
; NUMBER OF SEQUENCES: 12
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/516,275
; FILING DATE: 30-APR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 160,574
; FILING DATE: 26-FEB-1988
; APPLICATION NUMBER: 71,894
; FILING DATE: 10-JUL-1987
; APPLICATION NUMBER: 867,231
; FILING DATE: 23-MAY-1986
; SEQ ID NO:11:
; LENGTH: 20
5194428-11
Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1111 AACTCTCAGATGATGAT 1130
DB 20 ATCTCTCAGATGATGAAGAT 1

RESULT 683
US-09-081-646-3/c
; Sequence 3, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-3

Query Match 0.6%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATG 2364
DB 15 GGGATTACAGGCATG 1

RESULT 684
US-09-479-005A-139/c
; Sequence 139, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
```

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; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 139
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-139

Query Match 0.8%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 453 TATACTATGAAGAG 467
DB 16 TATACTATGAAGAG 2

RESULT 685
US-08-767-979-10
; Sequence 10, Application US/08767979
; Patent No. 5945283
; GENERAL INFORMATION:
; APPLICANT: Kwok, Pui-Yan
; APPLICANT: Chen, Xiangning
; TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
; TITLE OF INVENTION: Fluorescence Resonance Energy Transfer
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howell & Haferkamp, L.C.
; STREET: 7733 Forsyth Boulevard, Suite 1400
; CITY: St. Louis
; STATE: MO
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/767,979
; FILING DATE: 17-DEC-1996
; CLASSIFICATION: 455
; ATTORNEY/AGENT INFORMATION:
; NAME: Holland, Donald R
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 96-5219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "D1888 PROBE; SYNTHETIC
; DESCRIPTION: NUCLEOTIDE SEQUENCE COMPLEMENTARY TO NUCLEOTIDES 21-39 IN SEQ ID
; DESCRIPTION: NO:8 AND SEQ ID NO:9; 5'END FLUORESCIN Labeled CYTOSINE;"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "N REPRESENTS 5' FLUORESCIN
; OTHER INFORMATION: LABELED CYTOSINE,"
```

FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
US-08-767-979-10

Query Match 0.6%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2155 ACTGCAAGCTCTGCC 2169  
Db 2 ACTGCAAGCTCTGCC 16

RESULT 686

US-09-295-026-10  
Sequence 10, Application US/09295026  
Patent No. 6177249

GENERAL INFORMATION:  
APPLICANT: Kwok, Pui-Yan  
Chen, Xiangning  
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
Fluorescence Resonance Energy Transfer  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Haferkamp, L.C.  
STREET: 7733 Foreyth Boulevard, Suite 1400  
CITY: St. Louis  
STATE: MO  
COUNTRY: USA  
ZIP: 63105-1817

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/295,026  
FILING DATE: 20-Apr-1999  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/767,979  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Holland, Donald R  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 96-5219  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092

INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRAINEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "D18S PROBE, SYNTHETIC  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:

NAME/KEY: misc\_feature  
LOCATION: 1  
OTHER INFORMATION: /note= "N REPRESENTS 5' FLUORESCIN  
LABELED CYTOSINE;"

FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:

US-09-295-026-10  
Query Match 0.6%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2155 ACTGCAAGCTCTGCC 2169  
Db 2 ACTGCAAGCTCTGCC 16

RESULT 687

US-09-422-978-8216  
Sequence 8216, Application US/09422978  
Patent No. 6537751

GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 8216  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..20  
OTHER INFORMATION: downstream amplification primer 99-14468 for SEQ 351, in complem  
US-09-422-978-8216

Query Match 0.6%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 829 ATGAATTATCTGGTG 843  
Db 1 ATGAATTATCTGGTG 15

RESULT 688

US-09-679-299A-72  
Sequence 72, Application US/09679299A  
Patent No. 6566135

GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
FILE REFERENCE: RTS-0187  
CURRENT APPLICATION NUMBER: US/09/679,299A  
CURRENT FILING DATE: 2000-10-04  
NUMBER OF SEQ ID NOS: 164  
SEQ ID NO 72  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-679-299A-72

Query Match 0.6%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 GTGATCCGCCACCT 2332  
Db 5 GTGATCCGCCACCT 19

RESULT 689  
US-09-443-199C-1171/c  
; Sequence 1171, Application US/09443199C  
; Patent No. 6670464  
; GENERAL INFORMATION:  
; APPLICANT: Shimkets, Richard A.  
; APPLICANT: Leach, Martin  
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
; FILE REFERENCE: Polymorphisms and Methods of Use Thereof  
; CURRENT APPLICATION NUMBER: 15966-534A  
; CURRENT FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/109,024  
; PRIOR FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 1272  
; SOFTWARE: CuraGen Patent Formatter Version 0.9  
; SEQ ID NO 1171  
; LENGTH: 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (26)...(0)  
; OTHER INFORMATION: 1 of 2 allelic variants (1172 is other entry)  
; NAME/KEY: misc feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Accession number cg43129081  
US-09-443-199C-1171

Query Match 0.6%; Score 15; DB 1; Length 51;  
Best Local Similarity 61.5%; Pred. No. 4.2e+02;  
Matches 24; Conservative 0; Mismatches 15; Indels 0; Gaps 0;  
  
Qy 567 TTTCGCGTCCCAAGCTTCTCTGTGAAAGACGACAGGAAA 605  
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
Db 45 TTTCGAGGCCAAGTGGCGGATCACAGAGTCAAGGAGA 7

RESULT 690  
US-08-063-167A-4/c  
; Sequence 4, Application US/08063167A  
; Patent No. 5514788  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodland Falls Corporate Park  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/063.167A  
; FILING DATE: 19930517  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/05209  
; FILING DATE: July 23, 1991  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 51  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-08-063-167A-4

; FILING DATE: August 14, 1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0002  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-08-063-167A-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
Qy 2322 TCCGCCCACTCGGCCTC 2339  
||||| ||||| ||||| ||||| ||||| ||||| |||||  
Db 18 TCTCCCACTCGGCCTC 1

RESULT 691  
US-08-007-997A-4/c  
; Sequence 4, Application US/08007997A  
; Patent No. 5591623  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; NUMBER OF SEQUENCES: 82  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/007.997A  
; FILING DATE: 19930121  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/05209  
; FILING DATE: July 23, 1991  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-08-063-167A-4

;  
;  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-007-997A-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2322 TCGCCCACTCGCCTC 2339  
Db 18 TCCTCCACCTCAGCCTC 1

RESULT 692

US-08-440-740A-4/C  
; Sequence 4, Application US/08440740A  
; Patent No. 5843738  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/440,740A  
; FILING DATE: May 12, 1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 063,167  
; FILING DATE: May 17, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 969,151  
; FILING DATE: February 10, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 007,997  
; FILING DATE: January 20, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0133  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-8488  
; TELEFAX: (609) 779-2400  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-440-740A-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 2322 TCGCCCACTCGCCTC 2339  
Db 18 TCCTCCACCTCAGCCTC 1

RESULT 693

US-08-344-155C-4/C  
; Sequence 4, Application US/08344155C  
; Patent No. 5883082  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Stepkowski  
; TITLE OF INVENTION: Compositions and Methods for Preventing  
; TITLE OF INVENTION: and Treating Allograft Rejection  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodland Falls Corporate Park  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/344,155C  
; FILING DATE: No. 5883082ember 23, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/05209  
; FILING DATE: July 23, 1991  
; PRIOR APPLICATION DATA: 08/063,167  
; APPLICATION NUMBER: 5/17/93  
; FILING DATE: 5/17/93  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/007,997  
; FILING DATE: 1/21/93  
; PRIOR APPLICATION DATA: 07/939,855  
; APPLICATION NUMBER: 9/2/92  
; FILING DATE: 9/2/92  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/567,286  
; FILING DATE: 8/14/90  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0098  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-344-155C-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2322 TCGCCCACTCGCCTC 2339  
Db 18 TCCTCCACCTCAGCCTC 1

Db 18 TCCTCCACCTCAGCCTC 1

RESULT 694  
US-08-529-878B-33/c  
; Sequence 33, Application US/08529878B  
; Patent No. 5932556  
; GENERAL INFORMATION:  
; APPLICANT: Tam, Robert C.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; REGULATION OF CD28 EXPRESSION  
; NUMBER OF SEQUENCES: 48  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Crockett & Fish  
; STREET: 3000 S. Augusta Court  
; CITY: La Habra  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 90631  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/529,878B  
; FILING DATE: 13-SEP-1995  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fish, Robert D.  
; REGISTRATION NUMBER: 33,880  
; REFERENCE/DOCKET NUMBER: 213/003  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 714-525-3433  
; TELEFAX: 714-525-3303  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
US-08-529-878B-33

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2355 TACAGCGATGAGCCACCG 2372  
|||||

Db 18 TACAGCGATGAGCCACGT 1

RESULT 695  
US-08-403-888A-120/c  
; Sequence 120, Application US/08403888A  
; Patent No. 5952490  
; GENERAL INFORMATION:  
; APPLICANT: Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; TITLE OF INVENTION: Sequence  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,888A  
; FILING DATE: 12-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/954,185  
; FILING DATE: 29-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 120:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-403-888A-120

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TCCGCCACCTCGGCCTC 2339  
|||||

Db 18 TCCTCCACCTCAGCCTC 1

RESULT 696  
US-08-982-845B-4/c  
; Sequence 4, Application US/08982845B  
; Patent No. 6015894  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 87  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/982,845B  
; FILING DATE: December 2, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/440,740  
; FILING DATE: May 12, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 063,167  
; FILING DATE: May 17, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 969,151  
; FILING DATE: February 10, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 007,997  
; FILING DATE: January 21, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992



;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 567,286  
;; FILING DATE: AUGUST 14, 1990  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Jane Massey Licata  
;; REGISTRATION NUMBER: 32,257  
;; REFERENCE/DOCKET NUMBER: ISPH-0243  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (609) 779-2400  
;; TELEFAX: (609) 779-8488  
;; INFORMATION FOR SEQ ID NO: 4:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
;; ANTI-SENSE: Yes  
;; US-08-982-845B-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TCGCCCACTCGCCTC 2339  
DB 18 TCCTCCCACTCGCCTC 1

RESULT 697  
US-08-859-167-7  
; Sequence 7, Application US/08859167  
; Patent No. 6037461  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; APPLICANT: Fernandez-Alnemri, Teresa  
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
; TITLE OF INVENTION: OF MAKING THE SAME  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461ris  
; STREET: One Liberty Place, 46th floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: WINDOWS  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/859,167  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: DeLuca, Mark  
; REGISTRATION NUMBER: 33,229  
; REFERENCE/DOCKET NUMBER: TJU-  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; US-08-859-167-7

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2293 AGGATGGTCTCGATCTCC 2310  
DB 1 AGGCTGGTCTCGAATCTCC 18

RESULT 698  
US-09-339-993-43/c  
; Sequence 43, Application US/09339993A  
; Patent No. 6040179  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I2 EXPRESSION  
; FILE REFERENCE: RTS-0064  
; CURRENT APPLICATION NUMBER: US/09/339,993A  
; CURRENT FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 43  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-339-993-43

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1147 CTGTGTATCAGGAGGGG 1164  
DB 18 CTGTGTATCAGGAGGGG 1

RESULT 699  
US-09-109-273-7  
; Sequence 7, Application US/09109273  
; Patent No. 6063760  
; GENERAL INFORMATION:  
; APPLICANT: Alnemri, Emad S.  
; APPLICANT: Fernandez-Alnemri, Teresa  
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
; TITLE OF INVENTION: OF MAKING THE SAME  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760ris  
; STREET: One Liberty Place, 46th floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: WINDOWS  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/109,273  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/859,167  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: DeLuca, Mark  
; REGISTRATION NUMBER: 33,229  
; REFERENCE/DOCKET NUMBER: TJU-  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-109-273-7

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCC 2310  
||| ||||| ||||| |||||  
Db 1 AGGCTGGTCTCGAATCC 18

## RESULT 700

US-08-991-525B-4/c  
Sequence 4, Application US/08991525B  
Patent No. 6093811  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/991,525B  
FILING DATE: December 16, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 21, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0247  
TELEPHONE: (856) 810-1515  
TELEFAX: (856) 810-1454  
INFORMATION FOR SEQ ID NO: 4:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear

ANTI-SENSE: Yes  
US-08-991-525B-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TCCGCCCACTCGGCCTC 2339  
||| ||||| ||||| |||||  
Db 18 TCCTCCCACTCGGCCTC 1

## RESULT 701

US-09-085-759-4/c  
Sequence 4, Application US/09085759  
Patent No. 6096722  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett, Christopher Mirabelli,  
APPLICANT: Brenda Baker  
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion  
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion  
TITLE OF INVENTION: Molecule-Associated Diseases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/085,759  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0311  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-085-759-4

Db 18 TCCTCCACCTCAGCCTC

Qy 2322 TCCGCCCACTCGGCCTC 2339  
||| ||||| |||||  
pb 18 TCCTCCCACTCAGCCTC 1

COUNTRY: U.S.A.

Query Match.	0.6%;	Score 14.8;	DB 1;	Length 18;
Best Local Similarity	88.9%;	Pred. No. 6.6e+02;		
Matches	16: Conservative	0: Mismatches	2: Indels	Gaps

Qy 2293 AGGATGGTCTCGATCTCC 2310  
||| ||| ||| ||| |||  
Db 1 AGGCTGGTCTCGAACTCC 18

RESULT 704  
US-09-018-584A-69/c  
: Sequence 69. Application US/090185584A

Sequence 03, Application 05/05060504  
; Patent No. 6238863  
; GENERAL INFORMATION:  
; APPLICANT: Schumm, James W.

APPLICANT: Bacher, Jeffery W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147

;  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Promega Corporation  
; STREET: 2800 Woods Hollow Road  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: U.S.A.  
;

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; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026,9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-09-018-584A-69

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCAGG 2127
Db 18 CTTGCTCTGTGCCAGG 1

RESULT 705
US-09-009-490A-4/c
; Sequence 4, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Law Office of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,490A
; FILING DATE: January 20, 1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
```

```
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-009-490A-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TCCGCCACCTCGCCTC 2339
Db 18 TCTCCACCTCAGCCTC 1

RESULT 706
US-09-723-450-7
; Sequence 7, Application US/09723450
; Patent No. 6576751
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, And Methods Of Making The Same
; TITLE OF INVENTION: Compositions For And Methods Of Making The Same
; FILE REFERENCE: TJU2445
; CURRENT APPLICATION NUMBER: US/09/723,450
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6576751el Sequence
; US-09-723-450-7

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCC 2310
Db 1 AGGCTGGTCTCGAACTCC 18

RESULT 707
US-09-784-423-69/c
; Sequence 69, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
```

REPEAT DNA MARKERS

NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,423  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/018,584  
FILING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275

INFORMATION FOR SEQ ID NO: 69

SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 69

US-09-784-423-69

Query Match 0.6%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTGGCTCTCTTACCCAGG 2127  
DB 18 CTGGCTCTCTTACCCAGG 1

RESULT 708  
PCT-US93-08101-4/c  
Sequence 4, Application PC/TUS9308101  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodland Falls Corporate Park  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08101  
FILING DATE: Herewith

CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209  
FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0002

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

PCT-US93-08101-4

QY 2322 TCGGCCACCTCGGCCTC 2339  
DB 18 TCGGCCACCTCGGCCTC 1

RESULT 709  
US-09-018-584A-64/c  
Sequence 64, Application US/09018584A  
Patent No. 6238863  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
APPLICANT: Bacher, Jeffery W.  
TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
TITLE OF INVENTION: REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,584A  
FILING DATE: 04-Feb-1998

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275

INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: Nucleic Acid  
STRANDEDNESS: Single

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; TOPOLOGY: Linear
; US-09-018-594A-64
;
; Query Match          0.6%; Score 14.8; DB 1; Length 19;
; Best Local Similarity 88.9%; Pred. No. 6.5e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2106 GAGTCTGCTGCTGTACC 2123
;      ||||| ||||| ||||| |||||
; Db 19 GAGTCTGCTGCTGTGCC 2
;
; RESULT 710
; US-09-672-717-128
; Sequence 128, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
; US-09-672-717-128
;
; Query Match          0.6%; Score 14.8; DB 1; Length 19;
; Best Local Similarity 88.9%; Pred. No. 6.5e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1093 TTAGTGAAGAGGACAAG 1110
;      ||| ||||| ||||| |||||
; Db 2 TTACTGAAGAGGAAG 19
;
; RESULT 711
; US-09-784-423-64/c
; Sequence 64, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 64
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 64
; US-09-784-423-64
;
; Query Match          0.6%; Score 14.8; DB 1; Length 19;
; Best Local Similarity 88.9%; Pred. No. 6.5e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2106 GAGTCTTGTCTGTACC 2123
;      ||||| ||||| ||||| |||||
; Db 19 GAGTCTGCTCTGTGCC 2
;
; RESULT 712
; US-09-696-791-2142
; Sequence 2142, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2142
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin E ribozyme binding site
; US-09-696-791-2142
;
; Query Match          0.6%; Score 14.8; DB 1; Length 19;
; Best Local Similarity 88.9%; Pred. No. 6.5e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1517 CATTATTATAGACCCA 1534
;      ||||| ||||| |||||
; Db 2 CTTATTATTGCACCA 19
;
; RESULT 713
; US-09-513-999C-16016/c
; Sequence 16016, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
```

; PRIOR FILING DATE: 1999-02-26  
; NUMBER OF SEQ ID NOS: 36681  
; SOFTWARE: Patent.pm  
; SEQ ID NO 16016  
; LENGTH: 81  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 7  
; OTHER INFORMATION: n=a, g, c or t  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 8  
; OTHER INFORMATION: n=a, g, c or t  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 48  
; OTHER INFORMATION: r=a or g  
US-09-513-999C-16016

Query Match 0.6%; Score 14.8; DB 1; Length 81;  
Best Local Similarity 67.9%; Pred. No. 3.3e+02;  
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 891 GATGAAAGCCTGCTCTGTGTGTAATAA 918  
||||| ||||| ||||| ||||| |||||  
Db 32 GATGAAACCCTGTCTCTACTTAANAA 5

## RESULT 714

US-09-513-999C-15118  
; Sequence 15118, Application US/09513999C  
; Patent No. 6783961  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Duclert, A.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.  
; FILE REFERENCE: 59 US2.REG  
; CURRENT APPLICATION NUMBER: US/09/513,999C  
; CURRENT FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/122,487  
; PRIOR FILING DATE: 1999-02-26  
; NUMBER OF SEQ ID NOS: 36681  
; SOFTWARE: Patent.pm  
; SEQ ID NO 15118  
; LENGTH: 100  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-513-999C-15118

Query Match 0.6%; Score 14.8; DB 1; Length 100;  
Best Local Similarity 51.5%; Pred. No. 2.9e+02;  
Matches 34; Conservative 0; Mismatches 32; Indels 0; Gaps 0;

QY 1007 AGTGATTGCTGGATCAGATTTCAGATCAGTTTACGTAGTGAATTTGAAGTTGA 1066  
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
Db 14 AGTGGATGATCACAGGTTCAGAGTTTGAGACCAGCTGGCCAAACATGCTGAAACCCCT 73

QY 1067 ATCTCT 1072  
|||||  
Db 74 GTCTCT 79

## RESULT 715

US-09-479-005A-260  
; Sequence 260, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity

; FILE REFERENCE: MEH00-884-C  
; CURRENT APPLICATION NUMBER: US/09/479,005A  
; CURRENT FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 260  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-260

Query Match 0.6%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTG 2140  
||||| ||||| ||||| ||||| |||||  
Db 1 AGGCUGAUAUGCAGUG 16

## RESULT 716

US-09-479-005A-271  
; Sequence 271, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MEH00-884-C  
; CURRENT APPLICATION NUMBER: US/09/479,005A  
; CURRENT FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 271  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-271

Query Match 0.6%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 68.8%; Pred. No. 7.2e+02;  
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2302 TCGATCTCTGACCTC 2317  
:||||:||||:||||:||||:||||:  
Db 1 UCGAACUCCUGACCCUC 16

## RESULT 717

US-09-531-000-72/c  
; Sequence 72, Application US/09531000  
; Patent No. 6461810  
; GENERAL INFORMATION:  
; APPLICANT: JOHNSON, Marion D.  
; APPLICANT: FRESCO, Jacques R.  
; TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION  
; FILE REFERENCE: 2448-103  
; CURRENT APPLICATION NUMBER: US/09/531,000  
; CURRENT FILING DATE: 2000-09-08  
; PRIOR APPLICATION NUMBER: PCT/US98/23765  
; PRIOR FILING DATE: 1998-11-10  
; PRIOR APPLICATION NUMBER: 60/064,997





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; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,845
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/874,845
; FILING DATE: 27-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William C. Geary III
; REGISTRATION NUMBER: 31,357
; REFERENCE/DOCKET NUMBER: DCI-037
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-142-845-5
;
; Query Match 0.6%; Score 14.4; DB 1; Length 18;
; Best Local Similarity 93.8%; Pred. No. 7e+02; Mismatches 0; Indels 1; Gaps 0;
; Matches 15; Conservative 0;
;
Qy 743 AGAGAAACCTTATCT 758
Db 2 AGAGAAACCTTATCT 17

RESULT 721
US-08-551-275-9
; Sequence 9, Application US/08551275
; Patent No. 5679551
; GENERAL INFORMATION:
; APPLICANT: Alderete, John F.
; TITLE OF INVENTION: Unique Double-Stranded RNAs Associated
; with the Trichomonas Vaginalis Virus
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/551,275
; FILING DATE: 30-OCT-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Corder, Timothy S.
; REGISTRATION NUMBER: 38,414
; REFERENCE/DOCKET NUMBER: USK:267/COD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; TELEX: N/A

; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,845
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/874,845
; FILING DATE: 27-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William C. Geary III
; REGISTRATION NUMBER: 31,357
; REFERENCE/DOCKET NUMBER: DCI-037
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-142-845-5
;
; Query Match 0.6%; Score 14.4; DB 1; Length 18;
; Best Local Similarity 93.8%; Pred. No. 7e+02; Mismatches 0; Indels 1; Gaps 0;
; Matches 15; Conservative 0;
;
Qy 743 AGAGAAACCTTATCT 758
Db 2 AGAGAAACCTTATCT 17

RESULT 721
US-08-551-275-9
; Sequence 9, Application US/08551275
; Patent No. 5679551
; GENERAL INFORMATION:
; APPLICANT: Alderete, John F.
; TITLE OF INVENTION: Unique Double-Stranded RNAs Associated
; with the Trichomonas Vaginalis Virus
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/551,275
; FILING DATE: 30-OCT-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Corder, Timothy S.
; REGISTRATION NUMBER: 38,414
; REFERENCE/DOCKET NUMBER: USK:267/COD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; TELEX: N/A

; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-551-275-9
;
; Query Match 0.6%; Score 14.4; DB 1; Length 18;
; Best Local Similarity 93.8%; Pred. No. 7e+02; Mismatches 0; Indels 1; Gaps 0;
; Matches 15; Conservative 0;
;
Qy 1028 TTCAGTTTCAGATCAG 1043
Db 3 TTCAGTTTCAGATTAG 18

RESULT 722
US-08-483-746A-6
; Sequence 6, Application US/08483746A
; Patent No. 6020124
; GENERAL INFORMATION:
; APPLICANT: George D. Sorenson
; TITLE OF INVENTION: Detection of Gene Sequences in Biological
; Fluids
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,746A
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/142,845
; FILING DATE: 25-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jean M. Silveri
; REGISTRATION NUMBER: 39,030
; REFERENCE/DOCKET NUMBER: DCI-037CNCP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-483-746A-6
;
; Query Match 0.6%; Score 14.4; DB 1; Length 18;
; Best Local Similarity 93.8%; Pred. No. 7e+02; Mismatches 0; Indels 1; Gaps 0;
; Matches 15; Conservative 0;
;
Qy 743 AGAGAAACCTTATCT 758
Db 2 AGAGAAACCTTATCT 17

RESULT 723
US-09-137-075-1
; Sequence 1, Application US/09137075
; Patent No. 6150105
; GENERAL INFORMATION:
```

APPLICANT: Dahlhauser, Paul  
TITLE OF INVENTION: Methods of Screening Nucleic Acids for  
FILE REFERENCE: 07036.0001  
CURRENT APPLICATION NUMBER: US/09/137,075  
CURRENT FILING DATE: 1998-08-20  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 1  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: Oligonucleotide, Single-Stranded  
OTHER INFORMATION: Amplification Primer  
US-09-137-075-1

Query Match 0.6%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 743 AGAGAAACCTTCACT 758  
|||||  
Db 2 AGAGAAACCTTATCT 17

RESULT 724  
US-09-717-793-1  
Sequence 1, Application US/09717793  
Patent No. 6610486  
GENERAL INFORMATION:  
APPLICANT: Dahlhauser, Paul  
TITLE OF INVENTION: Methods of Screening Nucleic Acids for  
FILE REFERENCE: 07036.0002  
CURRENT APPLICATION NUMBER: US/09/717,793  
CURRENT FILING DATE: 2000-11-20  
PRIOR APPLICATION NUMBER: PCT/US99/19007  
PRIOR FILING DATE: 1999-08-18  
PRIOR APPLICATION NUMBER: 09/137,075  
PRIOR FILING DATE: 1998-08-20  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 1  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: Oligonucleotide, Single-Stranded  
OTHER INFORMATION: Amplification Primer  
US-09-717-793-1

Query Match 0.6%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 743 AGAGAAACCTTCACT 758  
|||||  
Db 2 AGAGAAACCTTATCT 17

RESULT 725  
US-09-377A-20/c  
Sequence 20, Application US/09596377A  
Patent No. 6602850  
GENERAL INFORMATION:  
APPLICANT: MAGATIN PHARMACEUTICALS, INC.  
TITLE OF INVENTION: Biological Variability of Asthma  
Associated Factors Useful in Treating and Diagnosing  
Atopic Allergies Including Asthma and Related Disorders  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Morgan, Lewis & Bockius LLP

STREET: 1800 M St., NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/596,377A  
FILING DATE: 16-Jun-2000  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/032,224  
FILING DATE: 02-DEC-1996  
APPLICATION NUMBER: US 08/980,872  
FILING DATE: 01-DEC-1997  
APPLICATION NUMBER: PCT/US97/21992  
FILING DATE: 02-DEC-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael S. Tuscan  
REGISTRATION NUMBER: 43,210  
REFERENCE/DOCKET NUMBER: 36870-5057-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202 467 7000  
TELEFAX: 202 467 7176  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
US-09-596-377A-20

Query Match 0.6%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2322 TCGCCACCTCGCC 2337  
|||||  
Db 18 TCGCCACCTCGTCC 3

RESULT 726  
US-09-696-791-1868/c  
Sequence 1868, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
APPLICANT: Tritz, Richard  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
DISEASES  
TITLE OF INVENTION: SKIN AND EYE DISEASES  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 1868  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cyclin D1 ribozyme binding site  
US-09-696-791-1868

Query Match 0.6%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1217 TTGGAATGCACTTCA 1232

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Db      19 TTGGAATGAACCTCA 4
|||||
RESULT 727
US-09-696-791-1870/c
; Sequence 1870, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1870
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1870
Query Match      0.6%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1216 ATTGGAATGCACTTC 1231
|||||
Db      16 ATTGGAATGAACCTC 1

RESULT 728
US-09-696-791-3180/c
; Sequence 3180, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3180
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-3180
Query Match      0.6%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1128 GATGAGGTATATCAAG 1143
|||||
Db      17 GATGGGGTATATCAAG 2

RESULT 729
US-09-422-978-2999/c
; Sequence 2999, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 2999
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-21516-293 : polymorphic base G or T
US-09-422-978-2999
Query Match      0.6%; Score 14.2; DB 1; Length 47;
Best Local Similarity 59.5%; Pred. No. 4.7e+02;
Matches 22; Conservative 1; Mismatches 14; Indels 0; Gaps 0;

Qy      785 CTCATCTAGAAGGAGACCAATTAGTGAGACAGAGAA 821
|||||
Db      43 CAGCCTATATCTAGCATTGTGGAGGGCTGAGGCA 7

RESULT 730
US-08-454-557C-91/c
; Sequence 91, Application US/08454557C
; Patent No. 5830670
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/454,557C
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-454-557C-91
Query Match      0.6%; Score 14.2; DB 1; Length 84;
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Best Local Similarity 54.9%; Pred. No. 3.3e+02;  
Matches 28; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

QY 2277 TTTCACCGTGTAGCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCC 2327  
|||  
Db 63 TTTCGAGGCTGAGCGGGCGGATCAGGAGTTCGACACACGACC 13  
|||

## RESULT 731

US-08-450-426D-91/c  
; Sequence 91, Application US/08340426D  
; Patent No. 5948634  
; GENERAL INFORMATION:  
; APPLICANT: de la Monte, Suzanne  
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection  
; TITLE OF INVENTION: of Alzheimer's Disease  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/340,426D  
; FILING DATE: 14-NOV-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, Steven R.  
; REGISTRATION NUMBER: 36,203  
; REFERENCE/DOCKET NUMBER: 0609.3840002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2540  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 91:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 84 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: both  
; US-08-340-426D-91

Query Match 0.6%; Score 14.2; DB 1; Length 84;  
Best Local Similarity 54.9%; Pred. No. 3.3e+02;  
Matches 28; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

QY 2277 TTTCACCGTGTAGCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCC 2327  
|||  
Db 63 TTTCGAGGCTGAGCGGGCGGATCAGGAGTTCGACACACGACC 13  
|||

## RESULT 732

US-08-450-673C-91/c  
; Sequence 91, Application US/08450673C  
; Patent No. 5948888  
; GENERAL INFORMATION:  
; APPLICANT: de la Monte, Suzanne  
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection  
; TITLE OF INVENTION: of Alzheimer's Disease  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.

COUNTRY: U.S.A.  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/450,673C  
; FILING DATE: 30-MAY-1995  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, Steven R.  
; REGISTRATION NUMBER: 36,203  
; REFERENCE/DOCKET NUMBER: 0609.3840004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 91:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 84 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: both  
; US-08-450-673C-91

Query Match 0.6%; Score 14.2; DB 1; Length 84;  
Best Local Similarity 54.9%; Pred. No. 3.3e+02;  
Matches 28; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

QY 2277 TTTCACCGTGTAGCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCC 2327  
|||  
Db 63 TTTCGAGGCTGAGCGGGCGGATCAGGAGTTCGACACACGACC 13  
|||

## RESULT 733

PCT-US95-17111A-91/c  
; Sequence 91, Application PC/TUS9517111A  
; GENERAL INFORMATION:  
; APPLICANT: de la Monte, Suzanne  
; APPLICANT: Wands, Jack R.  
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and  
; TITLE OF INVENTION: Detection of Alzheimer's Disease  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/17111A  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA: 08/340,426  
; APPLICATION NUMBER: 14-NOV-1994  
; FILING DATE: 14-NOV-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, Steven R.  
; REGISTRATION NUMBER: 36,203  
; REFERENCE/DOCKET NUMBER: 0609.3840002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 91:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 84 base pairs

; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: both  
PCT-US95-17111A-91

Query Match 0.6%; Score 14.2; DB 1; Length 84;  
Best Local Similarity 54.9%; Pred. No. 3.3e+02;  
Matches 28; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

Qy 2277 TTTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCC 2327

Db 63 TTTCGGAGGCTAGCGCGCGGATCAGCAGGTGAGGATTCGACACGACC 13

## RESULT 734

US-09-621-976-12767/c  
; Sequence 12767, Application US/09621976

; Patent No. 6639063

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Jobert, S.

; TITLE OF INVENTION: ESTs and Encoded Human Proteins.

; FILE REFERENCE: GENSET.054PR2

; CURRENT APPLICATION NUMBER: US/09/621,976

; CURRENT FILING DATE: 2000-07-21

; NUMBER OF SEQ ID NOS: 19335

; SOFTWARE: Patent.pm

; SEQ ID NO 12767

; LENGTH: 85

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-621-976-12767

Query Match 0.6%; Score 14.2; DB 1; Length 85;

Best Local Similarity 70.4%; Pred. No. 3.3e+02;

Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 890 TGATGAAGCTGGCTCTGTGTGAAT 916

Db 27 TGGTGAACCATGCTCTGTGAAAAAT 1

## RESULT 735

US-09-621-976-13007

; Sequence 13007, Application US/09621976

; Patent No. 6639063

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Jobert, S.

; TITLE OF INVENTION: ESTs and Encoded Human Proteins.

; FILE REFERENCE: GENSET.054PR2

; CURRENT APPLICATION NUMBER: US/09/621,976

; CURRENT FILING DATE: 2000-07-21

; NUMBER OF SEQ ID NOS: 19335

; SOFTWARE: Patent.pm

; SEQ ID NO 13007

; LENGTH: 94

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-621-976-13007

Query Match 0.6%; Score 14.2; DB 1; Length 94;

Best Local Similarity 52.5%; Pred. No. 3.1e+02;

Matches 31; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

Qy 1074 GACTCAGAGATTATAGCCTTAGTGAAGAGGACAAGAACTCTCAGATGAAGATGATGA 1132

Db 20 GGCCGAGGTGGTGGATCATGAGGTGAGGATCAGACCATCTCTGCTAACACGATGA 78

## RESULT 736

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

US-09-479-005A-254  
; Sequence 254, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity

; FILE REFERENCE: MEB000-884-C

; CURRENT APPLICATION NUMBER: US/09/479,005A

; CURRENT FILING DATE: 2000-01-07

; PRIOR APPLICATION NUMBER: US 09/444,209

; PRIOR FILING DATE: 1999-11-19

; PRIOR APPLICATION NUMBER: US 09/159,274

; PRIOR FILING DATE: 1998-09-22

; PRIOR APPLICATION NUMBER: US 60/059,473

; PRIOR FILING DATE: 1997-09-22

; NUMBER OF SEQ ID NOS: 1208

; SOFTWARE: Patentin version 3.0

; SEQ ID NO 254

; LENGTH: 16

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-479-005A-254

Query Match 0.6%; Score 14; DB 1; Length 16;

Best Local Similarity 71.4%; Pred. No. 7.6e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1229 TTCATGCAATGAAA 1242

Db 1 UUCAUGCAUUGAAA 14

## RESULT 737

US-09-827-998-413/c

; Sequence 413, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDHMOF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; CURRENT FILING DATE: 2001-04-06

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Acomica Sequence Listing Engine

; Patent No. 6656700

; SEQ ID NO 413

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-827-998-413

Query Match 0.6%; Score 14; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 7.4e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2356 ACAGGCATGAGCCA 2369

Db 17 ACAGGCATGAGCCA 4

## RESULT 738

US-09-827-998-414/c

; Sequence 414, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 414  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-414

Query Match 0.6%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGGCATGAGCCA 2369  
Db 16 ACAGGCATGAGCCA 3

## RESULT 739

; Sequence 415, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 415  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-415

Query Match 0.6%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGGCATGAGCCA 2369  
Db 15 ACAGGCATGAGCCA 2

## RESULT 740

; Sequence 416, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 416  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-416

Query Match 0.6%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGGCATGAGCCA 2369  
Db 14 ACAGGCATGAGCCA 1

## RESULT 741

; Sequence 1, Application US/09104497  
; Patent No. 6028245  
; GENERAL INFORMATION:  
; APPLICANT: WASYLYK, Bohdan  
; APPLICANT: TOCQUE, Bruno  
; APPLICANT: ALKHALAF, Moussa  
; TITLE OF INVENTION: TRANSGENIC ANIMALS OVEREXPRESSIONING MDM2  
; FILE REFERENCE: A2716A-US  
; CURRENT APPLICATION NUMBER: US/09/104,497  
; CURRENT FILING DATE: 1998-06-25  
; EARLIER APPLICATION NUMBER: 60/051,739  
; EARLIER FILING DATE: 1997-07-03  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-09-104-497-1

Query Match 0.6%; Score 14; DB 1; Length 23;  
Best Local Similarity 77.3%; Pred. No. 6.6e+02;  
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1649 AAATGTTGCATTGTCATGGC 1670  
Db 22 ACATGTTGTTATTCATGGC 1

## RESULT 742

; Sequence 35, Application US/09480718  
; Patent No. 6407062  
; GENERAL INFORMATION:  
; APPLICANT: Sherr, Charles J  
; APPLICANT: Queller, Dawn E  
; APPLICANT: Weber, Jason D  
; APPLICANT: Roussel, Martine F  
; APPLICANT: Frederique, Zindy  
; TITLE OF INVENTION: ARF-19, A NOVEL REGULATOR OF THE MAMMALIAN CELL CYCLE  
; FILE REFERENCE: 1340-1-023 CIP 1  
; CURRENT APPLICATION NUMBER: US/09/480,718  
; CURRENT FILING DATE: 2000-01-07  
; EARLIER APPLICATION NUMBER: 09/129,855  
; EARLIER FILING DATE: 1998-08-06  
; NUMBER OF SEQ ID NOS: 48  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 35  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer



```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
;
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ for Windows 2.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 799:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-985-162-799

```

```

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 7.6e+02;
Matches 6; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

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QY 408 TTGCTTTTGAAGTATT 424
Db 1 UUGCUUUUAAAGUAUU 17

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```

RESULT 747
US-08-584-040-2163/c
; Sequence 2163, Application US/08584040
; Patent No. 6346398
;
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
;
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
;
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327

```

```

;
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 2163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-584-040-2163

```

```

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1316 GAAAGATAAAGGGAAA 1332
Db 17 GAAAGATAAAGGTGTAA 1

```

```

RESULT 748
US-08-584-040-2164/c
; Sequence 2164, Application US/08584040
; Patent No. 6346398
;
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
;
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
;
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327

```



REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2164:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2164

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1315 GGAAGATAAGGGAA 1331  
Db 17 GGAAGATAAGGTGA 1

RESULT 749  
US-08-584-040-2548  
Sequence 2548, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2548:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2548

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 11.8%; Pred. No. 7.6e+02;  
Matches 2; Conservative 13; Mismatches 2; Indels 0; Gaps 0;

QY 2038 TACTTGCTTTTCTTTT 2054  
Db 1 UACUUUUUUUUUUUU 17

RESULT 750  
US-08-584-040-2782  
Sequence 2782, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2782:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2782

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 7.6e+02;  
Matches 5; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 2046 TTTTCTTTCTTAATA 2062  
Db 1 UUUUUUUUUUUUU 17

RESULT 751  
US-09-371-772B-708/c

; Sequence 708, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 708  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-708

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1316 GAAAGATAAAGGGGAAA 1332  
| | | | | | | | | | | | | | | | | |  
Db 17 GAAAGATAAAGGTGTAA 1

RESULT 752  
US-09-371-772B-709/c  
; Sequence 709, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 709  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-709

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1315 GAAAGATAAAGGGGAAA 1331  
| | | | | | | | | | | | | | | | | |  
Db 17 GAAAGATAAAGGTGTAA 1

RESULT 753  
US-09-371-772B-1072  
; Sequence 1072, Application US/09371772B

; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1072  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1072

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 11.8%; Pred. No. 7.6e+02;  
Matches 2; Conservative 13; Mismatches 2; Indels 0; Gaps 0;  
QY 2038 TACTGGTTTCTTTT 2054  
| | | | | | | | | | | | | | | | | |  
Db 1 UACUUUUUUUUUUU 17

RESULT 754  
US-09-371-772B-1306  
; Sequence 1306, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1306  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1306

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 7.6e+02;  
Matches 5; Conservative 10; Mismatches 2; Indels 0; Gaps 0;  
QY 2046 TTTTCTTTCTTAAATA 2062  
| | | | | | | | | | | | | | | | | |  
Db 1 UUUUUUUUUUUUUU 17

RESULT 755  
US-09-371-772B-6729  
; Sequence 6729, Application US/09371772B  
; Patent No. 6566127

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6729
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6729

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      948 AGTGAATCTACAGGCAC 964
      ||:|||||
Db      1 AGUGAUCCACAGGCAC 17

RESULT 756
US-09-401-063-799
; Sequence 799, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Felli, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 799:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-799

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 7.6e+02;
Matches 6; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY      408 TTGCTTTTGAAGTTATT 424
      ::|||:::||||:|::
Db      1 UUGCUUUUUAAGUAAUU 17

RESULT 757
US-09-866-108A-2551
; Sequence 2551, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2551
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2551

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1302 CCTGAAGATAAAGGAA 1318
      |||||
Db      1 CCTGAAGATAAAGGAA 17
```

## RESULT 758

US-09-866-108A-6340  
; Sequence 6340, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866.108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6340

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6340

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 7364

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-7364

Query Match 0.6%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 7.6e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

## RESULT 760

US-09-866-108A-7365

; Sequence 7365, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866.108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7365
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7365

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      815 AGAAGAAATTCAGATG 831
Db      1 AGCAGAAATTCAGTTG 17

RESULT 761
US-09-866-108A-7366
; Sequence 7366, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7370
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7370

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      820 AAAATTTCAGATGAATTA 836
Db      1 AAAATTTCAGTTGAATGA 17

RESULT 763
US-09-866-108A-9742/c
; Sequence 9742, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
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```
Db      1 GCAGAAATTCAGTTGA 17

RESULT 762
US-09-866-108A-7370
; Sequence 7370, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7370
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7370

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      820 AAAATTTCAGATGAATTA 836
Db      1 AAAATTTCAGTTGAATGA 17

RESULT 763
US-09-866-108A-9742/c
; Sequence 9742, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
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; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9742
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9742

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2154 CACTGCAAGCTCTGCC 2170
Db 17 CACTGCCAGCCTGCC 1

RESULT 764
US-09-866-108A-9743/c
; Sequence 9743, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
```

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9743
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9743

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2153 TCACTGCAAGCTCTGCC 2169
Db 17 TCACTGCCAGCCTGCC 1

RESULT 765
US-09-404-912-62
; Sequence 62, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-62

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1414 ATGATTCCAGAGAGTCA 1430
Db 1 ATGATTCCAGTGAGTTA 17

RESULT 766
PCT-US93-11582-3
; Sequence 3, Application PC/TUS9311582
; GENERAL INFORMATION:
; APPLICANT: Letwin, Bruce
; APPLICANT: Jezuit, Melissa
; TITLE OF INVENTION: Detection of DNA Contaminants by PCR
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Legal Affairs, Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140-2387
; COMPUTER READABLE FORM:
```

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/11582  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Lazar, Steven R.  
REGISTRATION NUMBER: 32,618  
REFERENCE/DOCKET NUMBER: 5214X-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-876-1170  
TELEFAX: 617-876-5851  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: Chinese Hamster  
TISSUE TYPE: Chinese Hamster Ovary  
IMMEDIATE SOURCE:  
CLONE: Primer Complementary to CHO alu-equivalent  
CLONE: consensus seq.  
POSITION IN GENOME:  
UNITS: bp  
PCT-US93-11582-3

Query Match 0.68; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2269 AGACAGGGTTTCACCGT 2285  
|||||  
Db 1 AGACAGGGTTTCTCTGT 17

RESULT 767  
US-09-339-964-26  
Sequence 26, Application US/09339964  
Patent No. 6025198  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowart  
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION  
FILE REFERENCE: RTS-0065  
CURRENT APPLICATION NUMBER: US/09/339,964  
CURRENT FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 26  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-339-964-26

Query Match 0.68; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCCTCAGCCT 2204  
|||||  
Db 1 TGCTCCTGCCTCATCCT 17

RESULT 768  
US-08-974-549A-393  
Sequence 393, Application US/08974549A

Patent No. 6166178  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin B.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 727  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,549A  
FILING DATE: 19-NOV-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/17618  
FILING DATE: 01-OCT-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph Ted  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002610US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 393:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -

```

; LOCATION: 1..18
; OTHER INFORMATION: /note= "TCP1.17 primer"
; US-08-974-549A-393

Query Match      0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2279 TCACCGTCTTAGCCAGG 2295
      |||||
Db 2 TCACCGTCTGGCAGG 18

RESULT 769
US-09-084-120-7/c
; Sequence 7, Application US/09084120
; Patent No. 6251592
; GENERAL INFORMATION:
; APPLICANT: TANG, JianQing
; APPLICANT: MELANCON, Serge B.
; TITLE OF INVENTION: A NOVEL STR MARKER SYSTEM
; TITLE OF INVENTION: FOR DNA FINGERPRINTING
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SWABEY OGILVY RENAULT
; STREET: Suite 1600, 1981 McGill College Avenue
; CITY: Montreal
; STATE: QC
; COUNTRY: Canada
; ZIP: H3A 2Y3
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: Fast-SEO for Windows Version 2.0b
; CURRENT APPLICATION DATA: /09/084,120
; APPLICATION NUMBER: US/09/084,120
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: COTE, France
; REGISTRATION NUMBER: 37,037
; REFERENCE/DOCKET NUMBER: 13251-4US FC/1d
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 514 845-7126
; TELEFAX: 514 288-8389
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-09-084-120-7

Query Match      0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2102 GACCGAGTCTTGCTCTG 2118
      |||||
Db 17 GACGAGTCTCGTCTG 1

RESULT 770
US-08-584-040-4459
; Sequence 4459, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:

```



```

; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)-(110)
; OTHER INFORMATION: spacer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 3' Dabcyl
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
; US-09-179-298-8

```

```

Query Match          0.6%;   Score 13.8;   DB 1;   Length 18;
Best Local Similarity 88.2%;   Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      477 TATCTTGGCCAGTATAT 493
      ||| ||||| |||||
Db      2 TATATTGGCCAATATAT 18

```

```

RESULT 772
US-09-179-298-8/c
; Sequence 8, Application US/09179298
; Patent No. 6355421
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; TITLE OF INVENTION: Molecular Beacons
; FILE REFERENCE: BP9702US-CPI
; CURRENT APPLICATION NUMBER: US/09/179,298
; CURRENT FILING DATE: 1998-10-27
; EARLIER APPLICATION NUMBER: 08/958,532
; EARLIER FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)-(110)
; OTHER INFORMATION: spacer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 3' Dabcyl
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
; US-09-179-298-8

```

```

Query Match          0.6%;   Score 13.8;   DB 1;   Length 18;
Best Local Similarity 88.2%;   Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      477 TATCTTGGCCAGTATAT 493

```

```

Db      17 TATATTGGCCAATATAT 1
      ||| ||||| ||||| |||||
RESULT 773
US-09-179-298-9
; Sequence 9, Application US/09179298
; Patent No. 6355421
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; TITLE OF INVENTION: Molecular Beacons
; FILE REFERENCE: BP9702US-CPI
; CURRENT APPLICATION NUMBER: US/09/179,298
; CURRENT FILING DATE: 1998-10-27
; EARLIER APPLICATION NUMBER: 08/958,532
; EARLIER FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)
; OTHER INFORMATION: spacer
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
; US-09-179-298-9

```

```

Query Match          0.6%;   Score 13.8;   DB 1;   Length 18;
Best Local Similarity 88.2%;   Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      477 TATCTTGGCCAGTATAT 493
      ||| ||||| ||||| |||||
Db      2 TATATTGGCCAATATAT 18

```

```

RESULT 774
US-09-179-298-9/c
; Sequence 9, Application US/09179298
; Patent No. 6355421
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; TITLE OF INVENTION: Molecular Beacons
; FILE REFERENCE: BP9702US-CPI
; CURRENT APPLICATION NUMBER: US/09/179,298
; CURRENT FILING DATE: 1998-10-27
; EARLIER APPLICATION NUMBER: 08/958,532
; EARLIER FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)
; OTHER INFORMATION: spacer
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
; US-09-179-298-9

```

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGCCCATATAT 493  
DB 17 TATATTGGCCCATATAT 1

## RESULT 775

US-08-912-951-160  
; Sequence 160, Application US/08912951  
; Patent No. 6475789  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; APPLICANT: Lingner, Joachim  
; APPLICANT: Nakamura, Toru  
; APPLICANT: Chapman, Karen B.  
; APPLICANT: Morin, Gregg B.  
; APPLICANT: Harley, Calvin  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND  
; TITLE OF INVENTION: THERAPEUTIC METHODS  
; NUMBER OF SEQUENCES: 335  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/912,951  
; FILING DATE: 14-AUG-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/854,050  
; FILING DATE: 09-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/951,843  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-0026000US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 160:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

; MOLECULE TYPE: DNA  
US-08-912-951-160

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2279 TCACCGTGTAGCCAGG 2295  
DB 2 TCACCGTGTGGCAGG 18

## RESULT 776

US-09-888-341-8  
; Sequence 8, Application US/09888341  
; Patent No. 6528267  
; GENERAL INFORMATION:  
; APPLICANT: Coull, James M.  
; APPLICANT: Gildea, Brian D.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA  
; TITLE OF INVENTION: Molecular Beacons  
; FILE REFERENCE: BP9702US-CPI-DV1  
; CURRENT APPLICATION NUMBER: US/09/888,341  
; CURRENT FILING DATE: 2001-06-22  
; PRIOR APPLICATION NUMBER: 08/958,532  
; PRIOR FILING DATE: 1997-10-27  
; PRIOR APPLICATION NUMBER: 09/179,298  
; PRIOR FILING DATE: 1998-10-27  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)  
; OTHER INFORMATION: 5' Fluorescein  
; NAME/KEY: misc\_feature  
; LOCATION: (9)..(10)  
; OTHER INFORMATION: spacer  
; NAME/KEY: misc\_feature  
; LOCATION: (18)  
; OTHER INFORMATION: 3' Dabcyl  
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE  
; OTHER INFORMATION: OR TARGET  
US-09-888-341-8

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGCCCATATAT 493  
DB 2 TATATTGGCCCATATAT 18

## RESULT 777

US-09-888-341-8/c  
; Sequence 8, Application US/09888341  
; Patent No. 6528267  
; GENERAL INFORMATION:  
; APPLICANT: Coull, James M.  
; APPLICANT: Gildea, Brian D.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA  
; TITLE OF INVENTION: Molecular Beacons  
; FILE REFERENCE: BP9702US-CPI-DV1  
; CURRENT APPLICATION NUMBER: US/09/888,341  
; CURRENT FILING DATE: 2001-06-22  
; PRIOR APPLICATION NUMBER: 08/958,532  
; PRIOR FILING DATE: 1997-10-27

; PRIOR APPLICATION NUMBER: 09/179,298  
; PRIOR FILING DATE: 1998-10-27  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)  
; OTHER INFORMATION: 5' Fluorescein  
; NAME/KEY: misc\_feature  
; LOCATION: (9)..(10)  
; OTHER INFORMATION: spacer  
; NAME/KEY: misc\_feature  
; LOCATION: (18)  
; OTHER INFORMATION: 3' Dabcyl  
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE  
; OTHER INFORMATION: OR TARGET  
US-09-888-341-8

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGGCCAGTATAT 493  
||| ||||| ||||| |||||  
Db 17 TATATTGCCCAATATAT 1

## RESULT 778

US-09-888-341-9  
; Sequence 9, Application US/09888341  
; Patent No. 6528267  
; GENERAL INFORMATION:  
; APPLICANT: Coull, James M.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA  
; FILE REFERENCE: BP9702US-CPI-DV1  
; CURRENT APPLICATION NUMBER: US/09/888,341  
; CURRENT FILING DATE: 2001-06-22  
; PRIOR APPLICATION NUMBER: 08/958,532  
; PRIOR FILING DATE: 1997-10-27  
; PRIOR APPLICATION NUMBER: 09/179,298  
; PRIOR FILING DATE: 1998-10-27  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (9)  
; OTHER INFORMATION: spacer  
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE  
; OTHER INFORMATION: OR TARGET  
US-09-888-341-9

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGGCCAGTATAT 493  
||| ||||| ||||| |||||  
Db 2 TATATTGCCCAATATAT 18

## RESULT 779

US-09-888-341-9/c

; Sequence 9, Application US/09888341  
; Patent No. 6528267  
; GENERAL INFORMATION:  
; APPLICANT: Coull, James M.  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA  
; FILE REFERENCE: BP9702US-CPI-DV1  
; CURRENT APPLICATION NUMBER: US/09/888,341  
; CURRENT FILING DATE: 2001-06-22  
; PRIOR APPLICATION NUMBER: 08/958,532  
; PRIOR FILING DATE: 1997-10-27  
; PRIOR APPLICATION NUMBER: 09/179,298  
; PRIOR FILING DATE: 1998-10-27  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (9)  
; OTHER INFORMATION: spacer  
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE  
; OTHER INFORMATION: OR TARGET  
US-09-888-341-9

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGGCCAGTATAT 493  
||| ||||| ||||| |||||  
Db 17 TATATTGCCCAATATAT 1

## RESULT 780

US-09-422-978-7398  
; Sequence 7398, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7398  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-4266 for SEQ 3464,  
US-09-422-978-7398

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 846 CGACAAAGAAACGCCA 862  
| ||||| ||||| |||||

Db 1 CCACAAAGAAACTCCA 17

## RESULT 781

US-09-422-978-7768/c  
; Sequence 7768, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7768  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-2697 for SEQ 3834,  
US-09-422-978-7768

Query Match 0.6%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred.No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 AGCCATTGCTTTTGAAG 419

Db 17 AGCCATTGCTTTTGAAG 1

## RESULT 782

US-09-371-772B-2172  
; Sequence 2172, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re...  
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00, 876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2172  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-2172

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 52.9%; Pred.No. 7.5e+02;  
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1385 TGTTCTGATTTGATAAA 1401

Db 1 UGUUCCUGAUGUAACA 17

## RESULT 783

US-09-402-181B-393  
; Sequence 393, Application US/09402181B  
; Patent No. 6610839  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; APPLICANT: Lingner, Joachim  
; APPLICANT: Nakamura, Toru  
; APPLICANT: Chapman, Karen B.  
; APPLICANT: Morin, Gregg B.  
; APPLICANT: Harley, Calvin B.  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
; NUMBER OF SEQUENCES: 633  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,181B  
; FILING DATE: 29-Sep-1997  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-MAY-1997  
; APPLICATION NUMBER: US 08/854,050  
; FILING DATE: 09-MAY-1997  
; APPLICATION NUMBER: US 08/911,312  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: US 08/912,951  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: US 08/915,503  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: WO PCT/US97/17885  
; FILING DATE: 01-OCT-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ausenhus, Scott L.  
; REGISTRATION NUMBER: 42,271  
; REFERENCE/DOCKET NUMBER: 015389-002620US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 393:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: -  
; LOCATION: 1..18  
; OTHER INFORMATION: /note= "tCp1.17 primer"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 393:  
US-09-402-181B-393

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2279 TCACCGTGTAGCCAGG 2295  
Db 2 TCACCGTGTGGCAGG 18

## RESULT 784

US-09-721-456-393  
; Sequence 393, Application US/09721456  
; Patent No. 6617110  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin B.  
; Andrews, William H.  
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
; NUMBER OF SEQUENCES: 727  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/721.456  
; FILING DATE: 22-Nov. 6617110-2000  
; CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/974.549A  
; FILING DATE: 19-NOV-1997  
; APPLICATION NUMBER: US 08/724.643  
; FILING DATE: 01-OCT-1996  
; APPLICATION NUMBER: US 08/844.419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/846.017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/851.843  
; FILING DATE: 06-MAY-1997  
; APPLICATION NUMBER: US 08/854.050  
; FILING DATE: 09-MAY-1997  
; APPLICATION NUMBER: US 08/911.312  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: US 08/912.951  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: US 08/915.503  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: WO PCT/US97/17618  
; FILING DATE: 01-OCT-1997  
; APPLICATION NUMBER: WO PCT/US97/17885  
; FILING DATE: 01-OCT-1997

## ATTORNEY/AGENT INFORMATION:

NAME: Apple, Randolph Ted  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002610US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 393:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs

; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: -  
; LOCATION: 1..18  
; OTHER INFORMATION: /note= "TCP1.17 primer"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 393:  
US-09-721-456-393

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2279 TCACCGTGTAGCCAGG 2295  
Db 2 TCACCGTGTGGCAGG 18

## RESULT 785

US-09-465-491-4/C  
; Sequence 4, Application US/09465491  
; Patent No. 6664046  
; GENERAL INFORMATION:  
; APPLICANT: Chang, Sheng-Yung P.  
; APPLICANT: Santini, Christopher D.  
; TITLE OF INVENTION: Quantitation of hTERT mRNA Expression  
; FILE REFERENCE: RP41002  
; CURRENT APPLICATION NUMBER: US/09/465.491  
; CURRENT FILING DATE: 1999-12-16  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-465-491-4

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2226 TCATCTGCCACACACC 2242  
Db 17 TCATGTGCCACACGCC 1

## RESULT 786

US-09-155-885A-247  
; Sequence 247, Application US/09155885A  
; Patent No. 6709812  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; ROSSAU, RUDI  
; MAERTENS, GEERT  
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV  
; NUMBER OF SEQUENCES: 313  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIXON & VANDERHVE P.C.  
; STREET: 1100 NORTH GLEBE ROAD  
; CITY: ARLINGTON  
; STATE: VIRGINIA  
; COUNTRY: U.S.A.  
; ZIP: 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/155,885A  
FILING DATE: 08-Oct-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP97/02002  
FILING DATE: 21-APR-1997  
APPLICATION NUMBER: EP 96870053.4  
FILING DATE: 19-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B.J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 2551-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 247:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 247:  
US-09-155-885A-247

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. NO. 7.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1120 ATGAGATGATGAGGTA 1136  
||| ||||| |||||  
Db 2 ATGTAGATGATGTGTA 18

Search completed: January 25, 2005, 15:32:19  
Job time : 28 secs